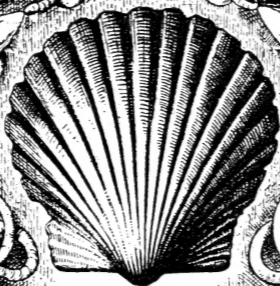


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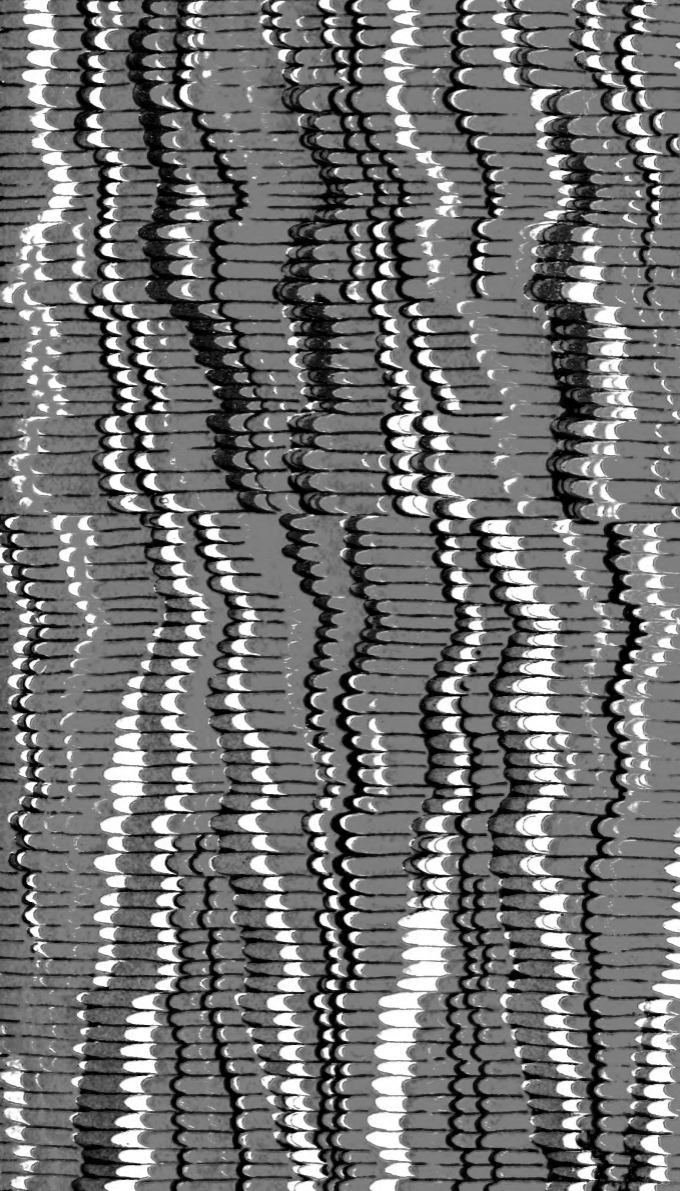
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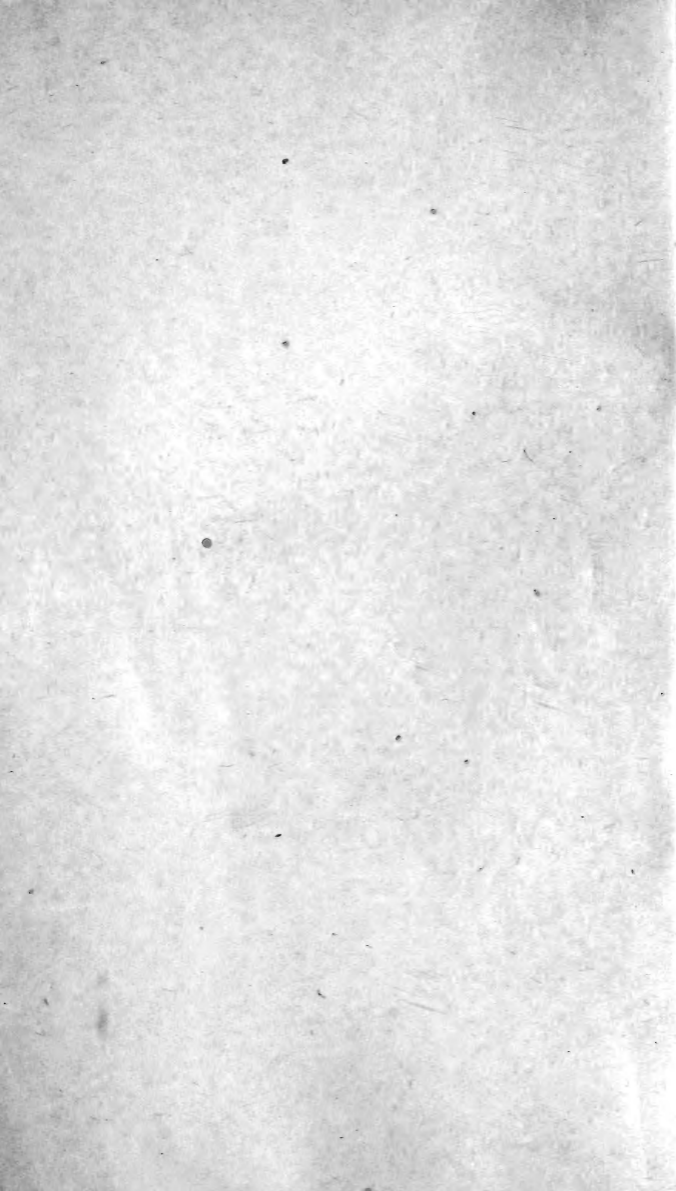


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THE

ZOOLOGIST'S TEXT-BOOK.



THE
ZOOLOGIST'S TEXT-BOOK,

EMBRACING THE CHARACTERS

OF THE

CLASSES, ORDERS, AND GENERA,

OF ALMOST THE

Whole Animal Kingdom;

TOGETHER

WITH AN EXAMPLE OF A SPECIES OF NEARLY EACH GENUS, AND A
COMPLETE GLOSSARY OF TECHNICAL TERMS.

By CAPTAIN THOMAS BROWN,

FELLOW OF THE LINNEAN SOCIETY, MEMBER OF THE WERNERIAN, KIRWANIAN,
AND PHRENOLOGICAL SOCIETIES, PRESIDENT OF THE ROYAL PHYSICAL
SOCIETY, &c. &c. &c.

IN TWO VOLUMES.

VOL. II.

233888

ILLUSTRATED BY ONE HUNDRED AND SEVEN ENGRAVINGS ON STEEL.

GLASGOW:

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W. TAIT, EDINBURGH; W. CURRY, JUN. & CO. DUBLIN;

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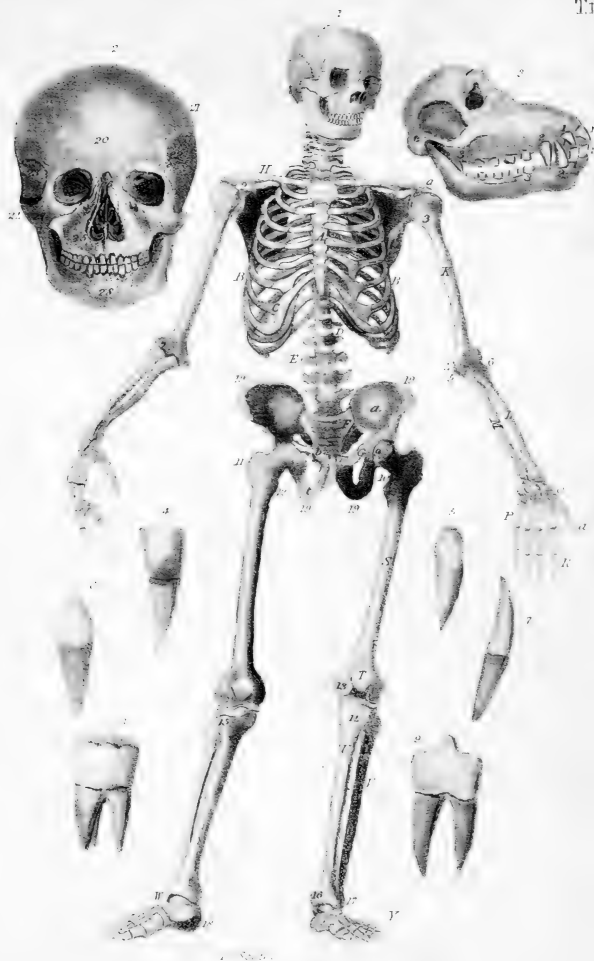


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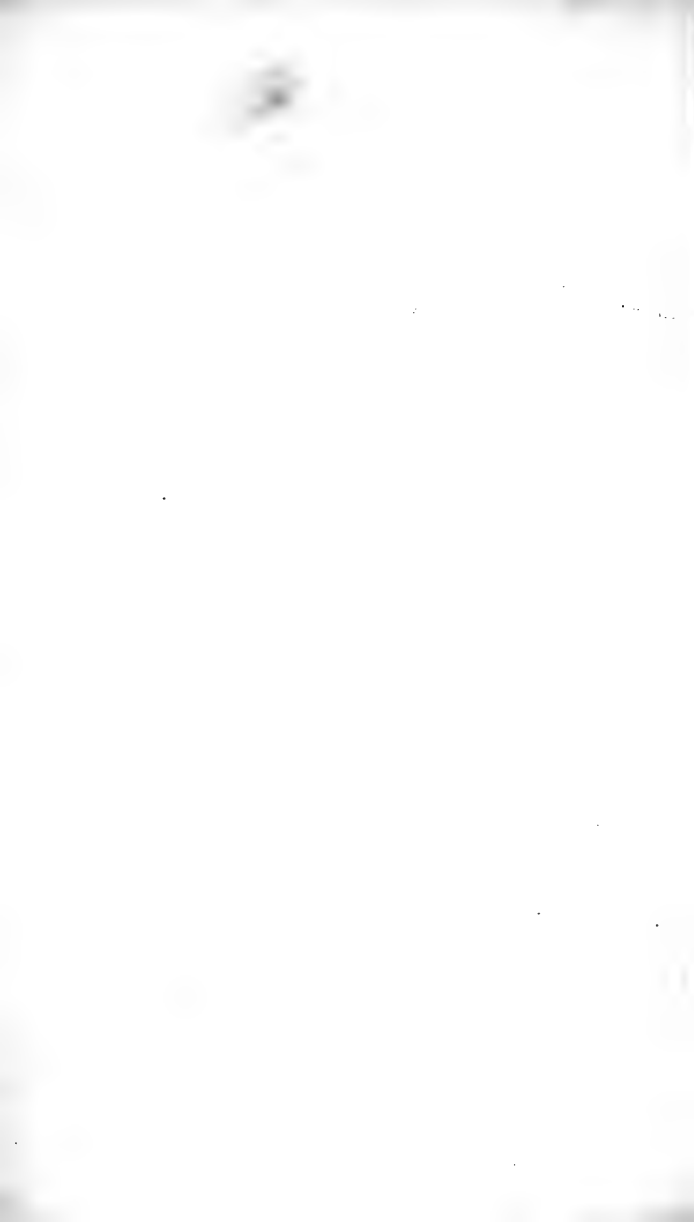
R. Scott

1 Caucasian. 2 Mongolian. 3 Negro. 4 American. 5 Malay. 6 New Hollander.





1 Human Skeleton. 2 D^r Skull. 3 Skull of Mantrill. 4 Human Incisive tooth.
5 P^r of a Lion. 6 Human Canine. 7 D^r of a Lion. 8 Human grinder. 9 D^r of a Lion.

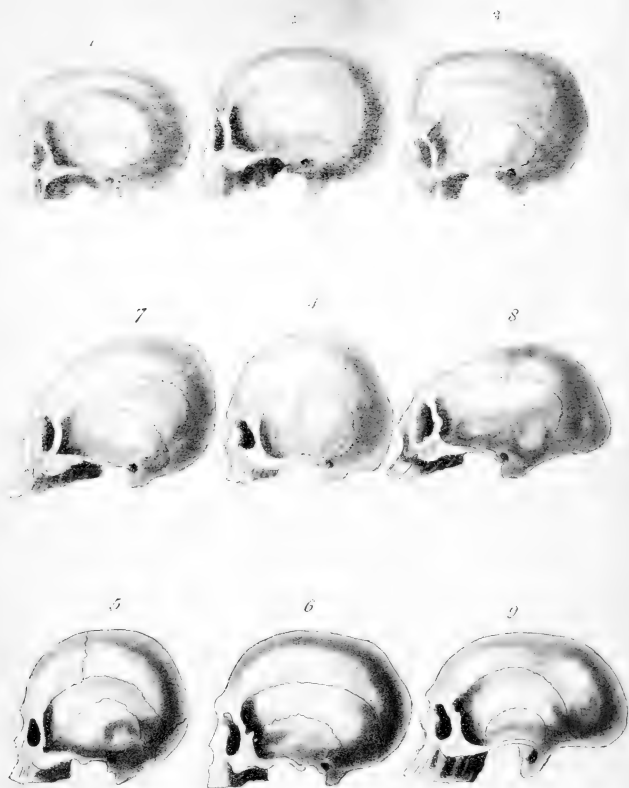


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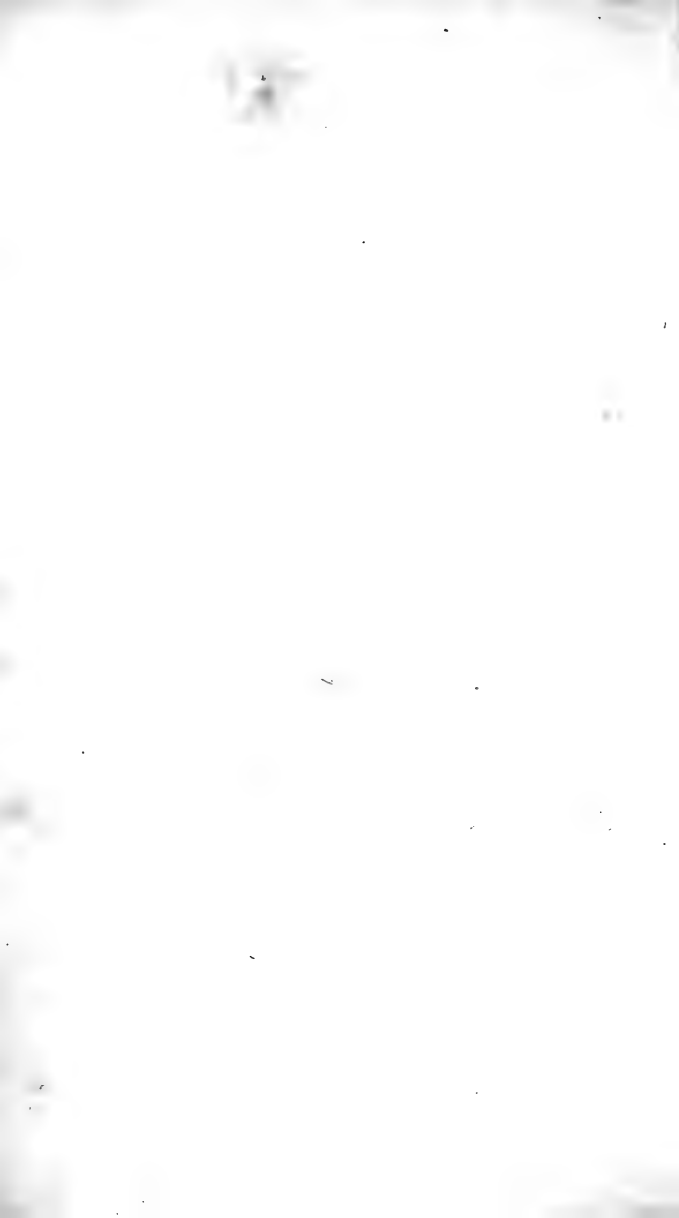
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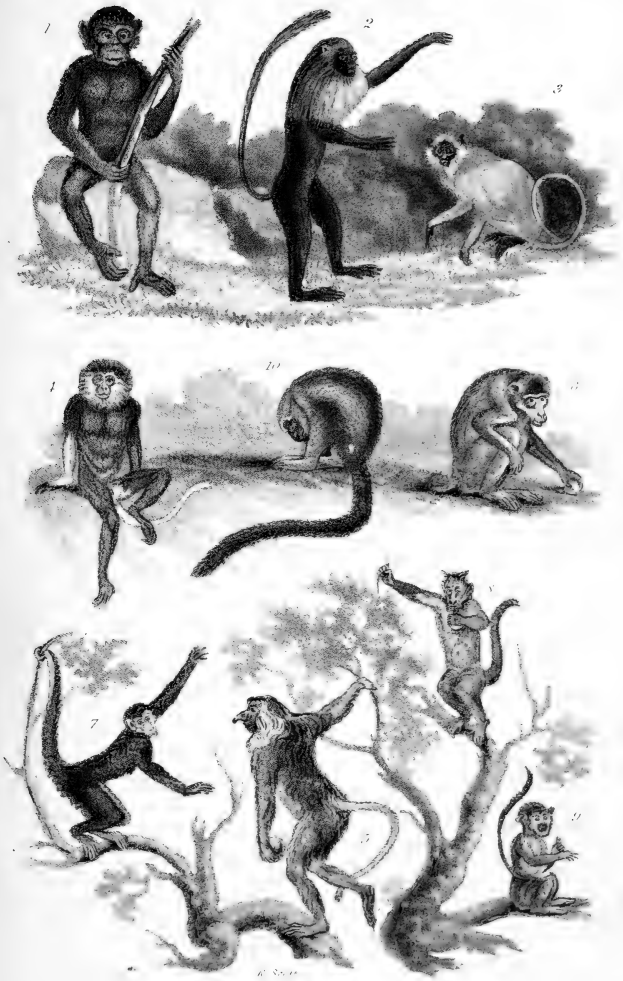
- Page 46, line 18, *for* fig. 11, *read* fig. 8.
— 70, dele Genus Ratelus, and see page 85.
— 83, line 2, *for* Mustela *read* Viverra.
— 108, — 20, *for* fig. 1 *read* fig. 3.
— 163, — 15, *for* Kestril *read* Kestrel.
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— 372, — 11, *for* Equus *read* Eques.
— 402, — 2, *for* fig. 2 *read* 21.
— 419, — 2, *for* fig. 25 *read* 28.
— 489, — 26, *for* Plate 82 *read* 93.
— 490, — 12, *for* Plate 82 *read* 93.
— 565, — 17, *for* Millipora *read* Millepora.



Scale of 12 Inches

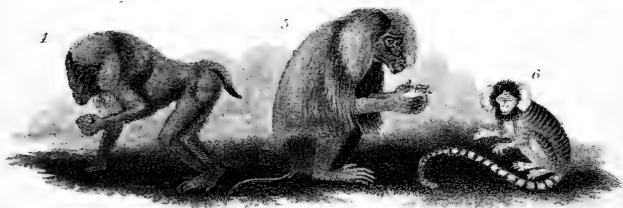
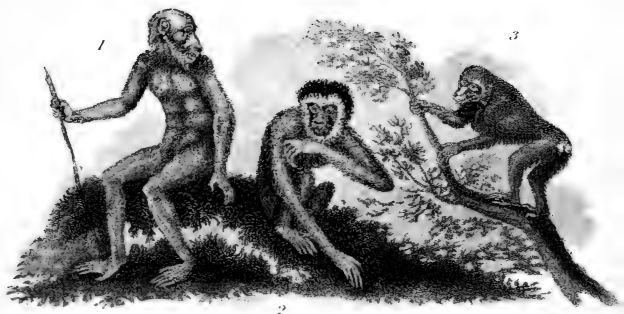
1 Caucasian. 2 Mongolian. 3 Ancient Greek. 4 N. American Indian. 5 Jav-anese (from Interior) 6 New Zealander. 7 New Hollander. 8 Charib 9 Negro.





1 Chimpanse. 2 Full Bottom Monkey. 3 Entellus Monkey. 4 Cochinchina D^o.
5 Proboscis D^o. 6 Brown Baboon. 7 Coaita. 8 Horned Sapajow. 9 Squirrel
Monkey. 10 Douroucouli.

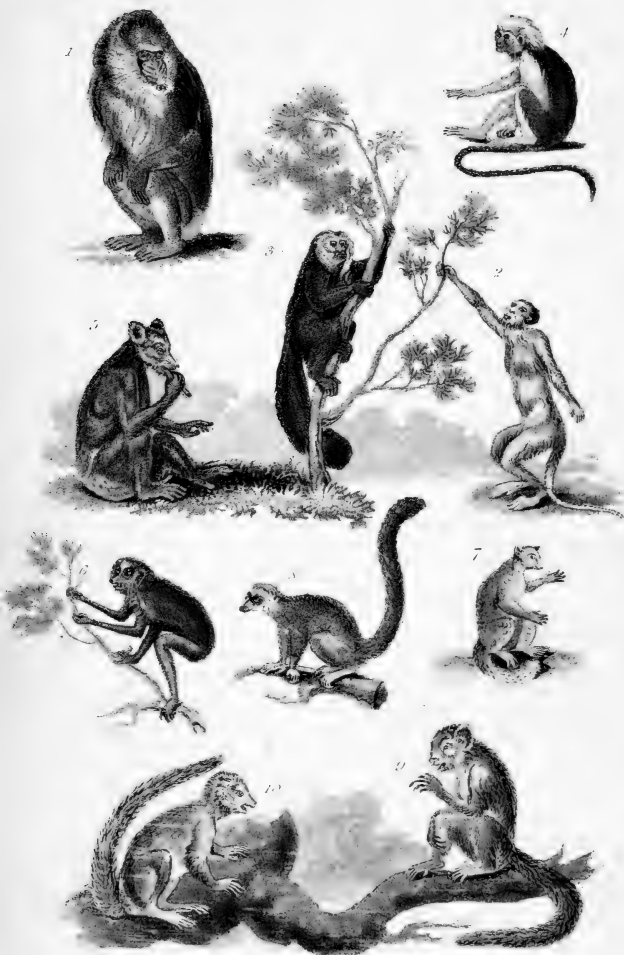




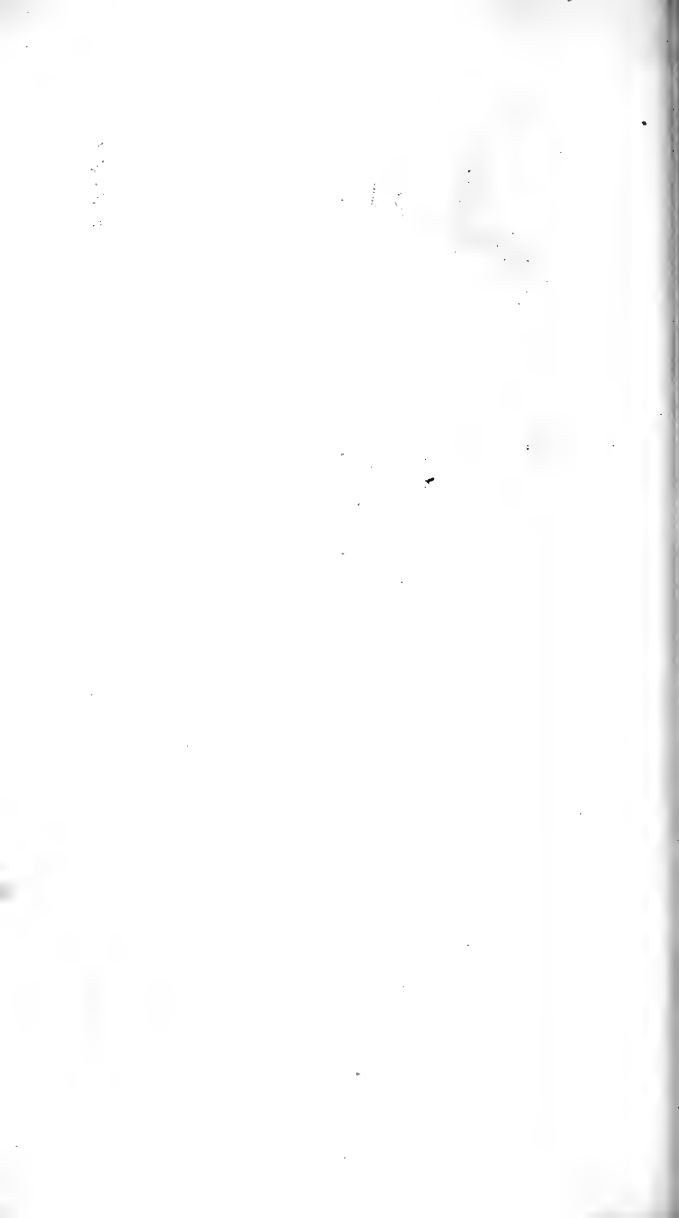
R. Scott

1 Orang Outing. 2 Gibbon. 3 Barbary Ape. 4 Baboon. 5 Dog-faced Baboon.
 6. Ousiti 7. Green Monkey. 8 Fair Monkey. 9 Varied D? 10 Tail-less Macauco.
 11 Ring-tailed D? 12 Ternate Bat. 13 Common D?





1 Mandrill . 2 Preacher Monkey. 3 Fox-Tailed Monkey. 4 Red-Tailed Dr. 5 Short-Tailed Indrs. 6 Slender Loris. 7 Gr. Galago. 8 Wooly Tarsius. 9 Aye Aye. 10 Macaco.





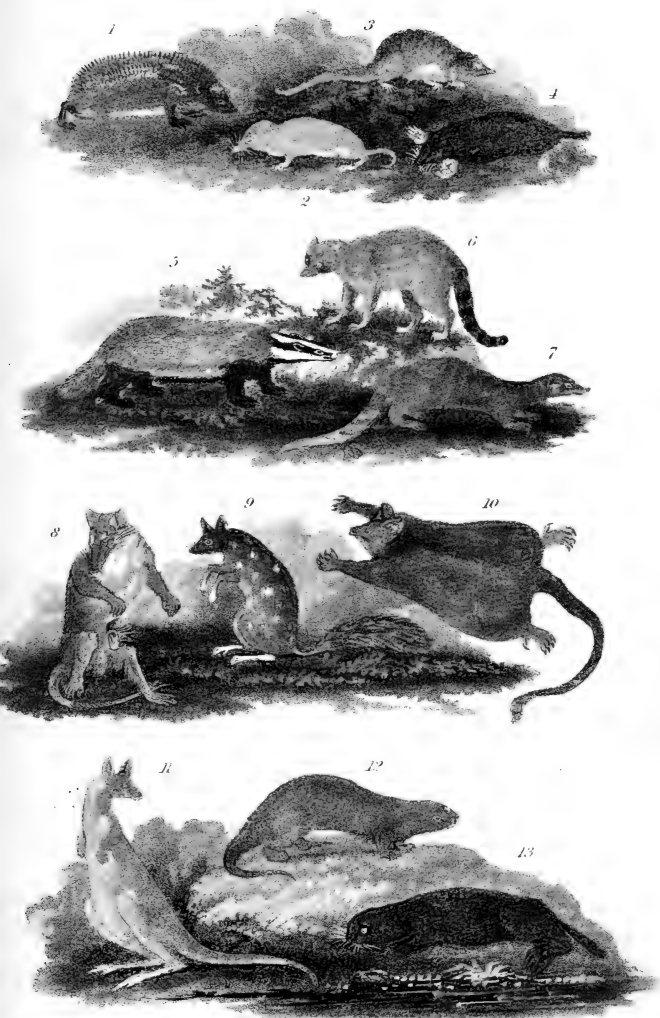
1. *Cobuga*. 2. *Pallas's Cephalotes*. 3. *Bengal Nyctinomus*. 4. *Peruvian Noctilio*.
 5. *Blainvilles Mormoops*. 6. *Cordated Bat*. 7. *One Fiked Rhinolephus*. 8. *Red
 tailed Bat*. 9. *Daubintons Nycteris*. 10. *Ring tailed Mollosus*.





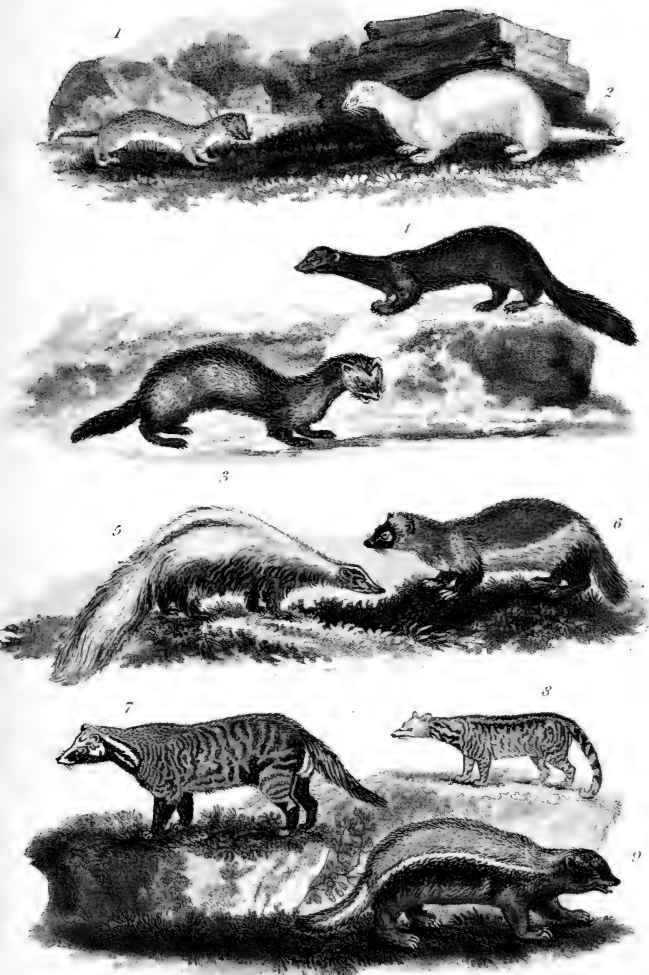
1 Red Noctilio. 2 Long Eared D? 3 Spectre Phyllostoma. 4 Truncated Chlamyphorus. 5 Florida Niotoma. 6 Raffless Gymnura. 7 Radiated Mole. 8 Shining Mole. 9 Leaf Glasshopper. 10 Twice.





1 Hedgehog. 2 Shrew Mouse. 3 Muscovy Musk Rat. 4 Mole. 5 Badger. 6 Raccoon.
 7 Ichneumon. 8 Saragoy. 9 New Holland Spotted Dasyurus. 10 Flying Opossum.
 11 Kangaroo. 12 Otter. 13 Sea Otter.

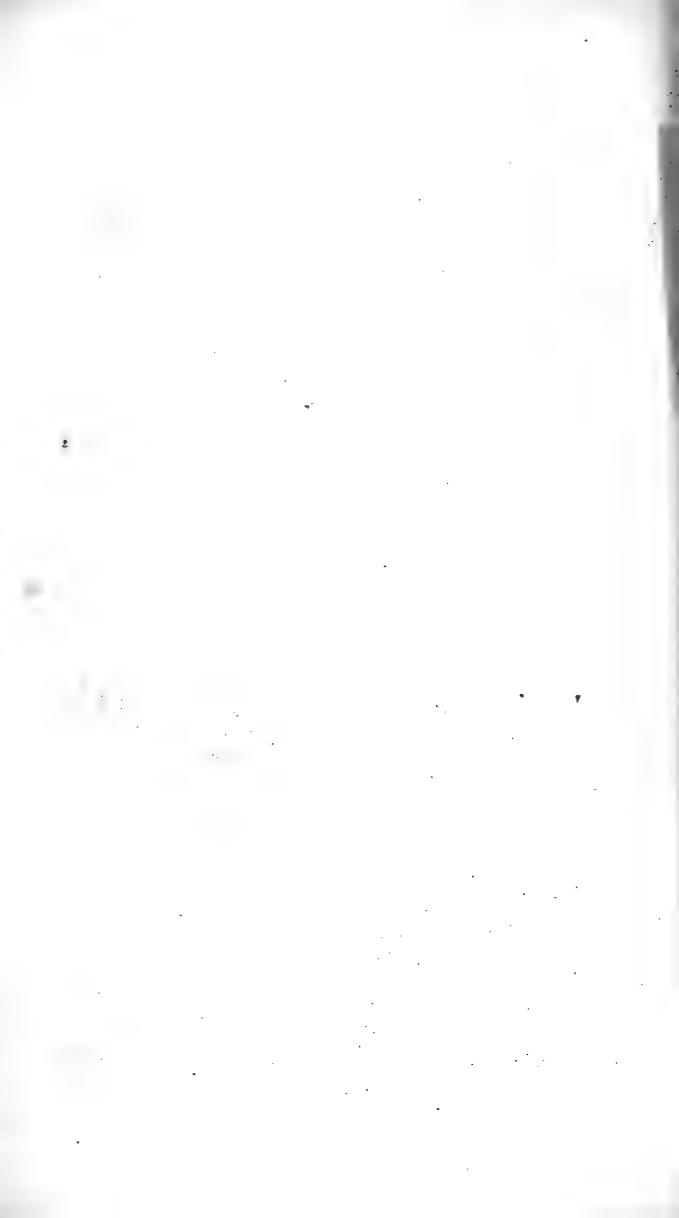


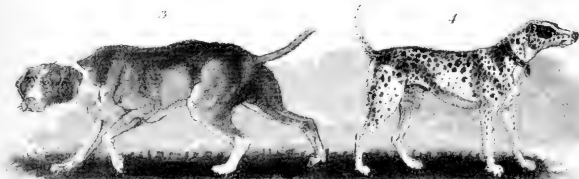


J. Scott

1 Weasel. 2 Ferret. 3 Fomart. 4 Sable. 5 Skunk. 6 Glutton. 7 Civet. 8 Zibet. 9 Ratel.

Published by Andrew Foulton & Co. Glasgow.



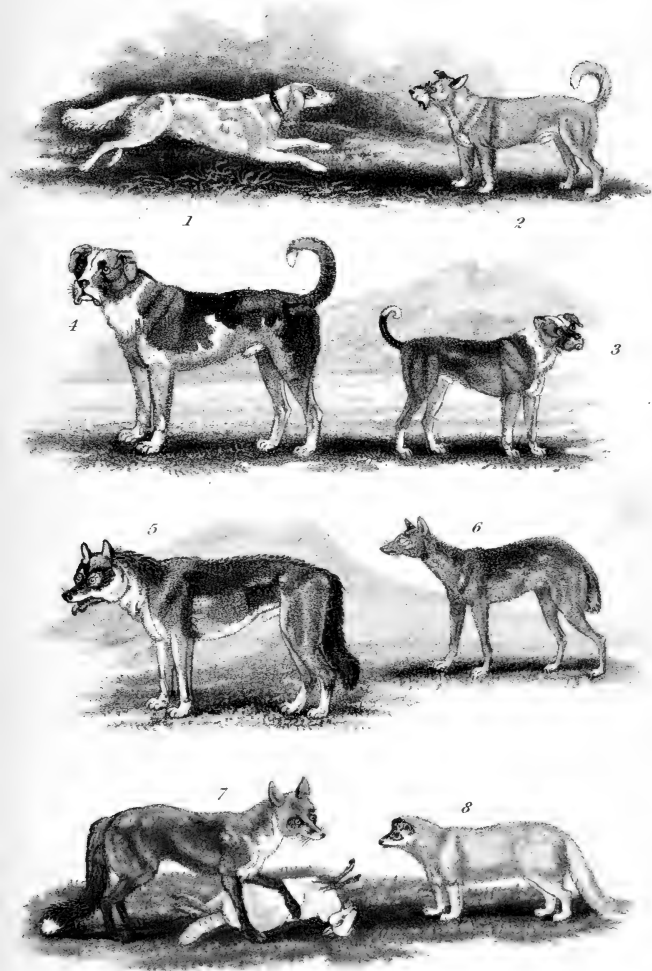


R. Scott

1 Large Water Spaniel. 2 Fox Hound 3 Spanish Pointer 4 Dalmatian D^o
5 Shepherd's Dog. 6 Girdle D^o 7 Greenland D^o 8 Newfoundland D^o

Published by Arch^d Fullarton & C^o Glasg^o.

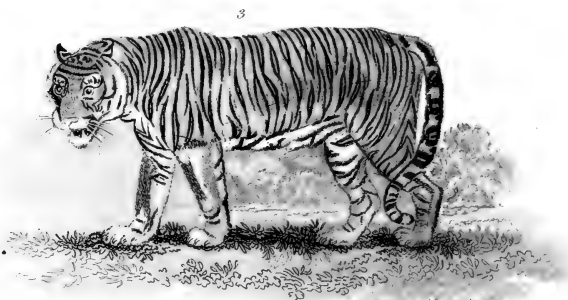
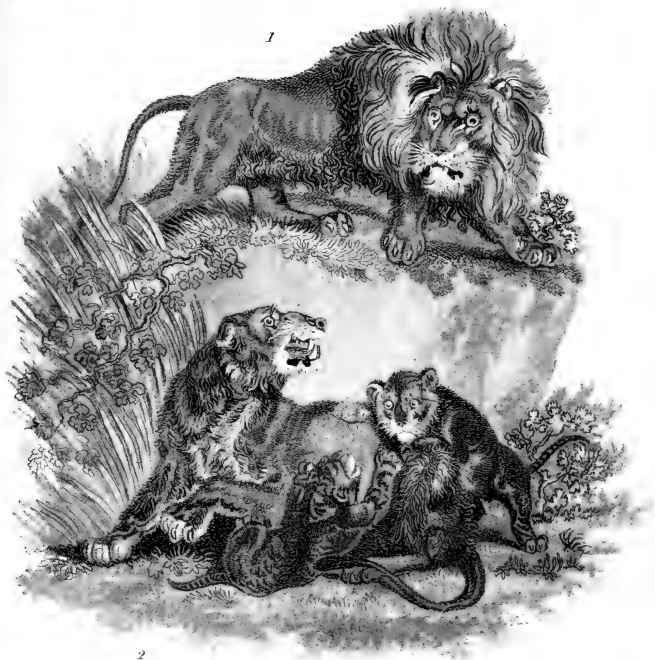




R. Scott

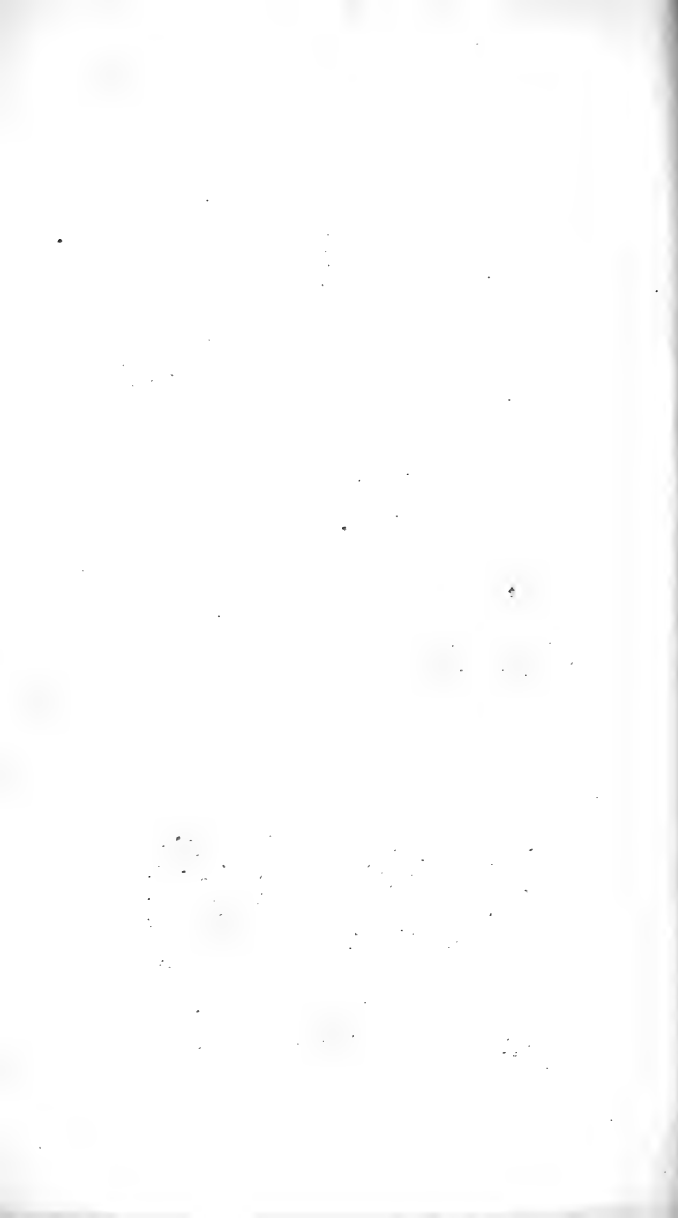
1 English Setter. 2 Terrier. 3 Bull Dog. 4 Mastiff. 5 Wolf. 6 Jackall. 7 Fox
8 Arctic Dog.

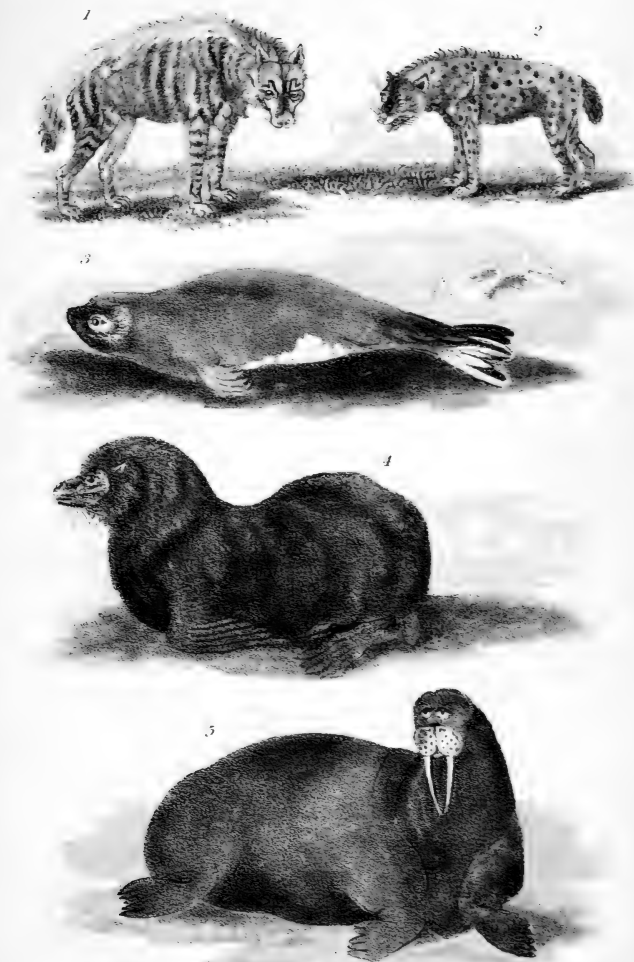




R. Scott

1 Lion . 2 Lioness . 3 Tiger

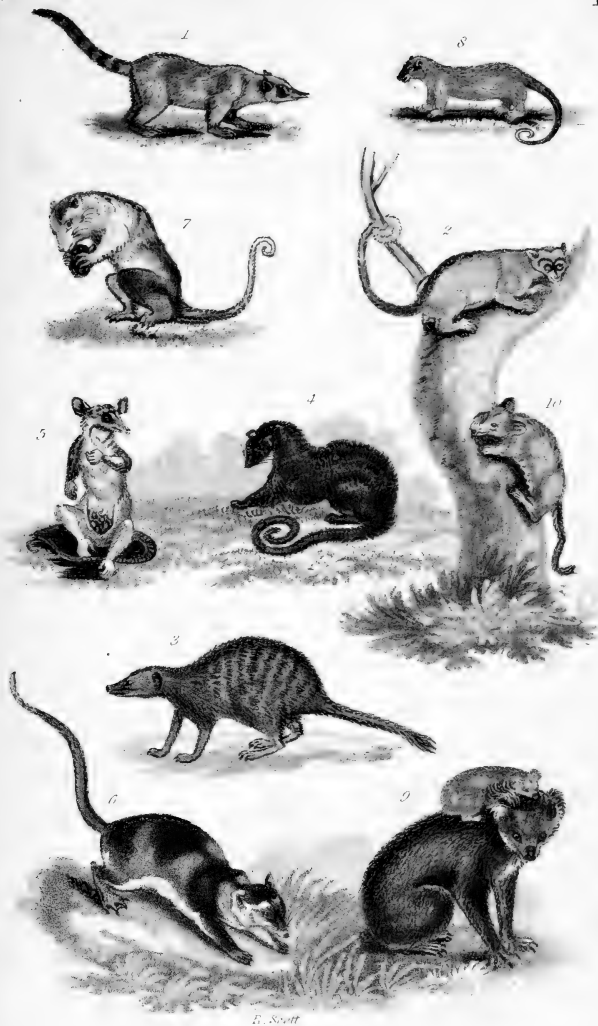




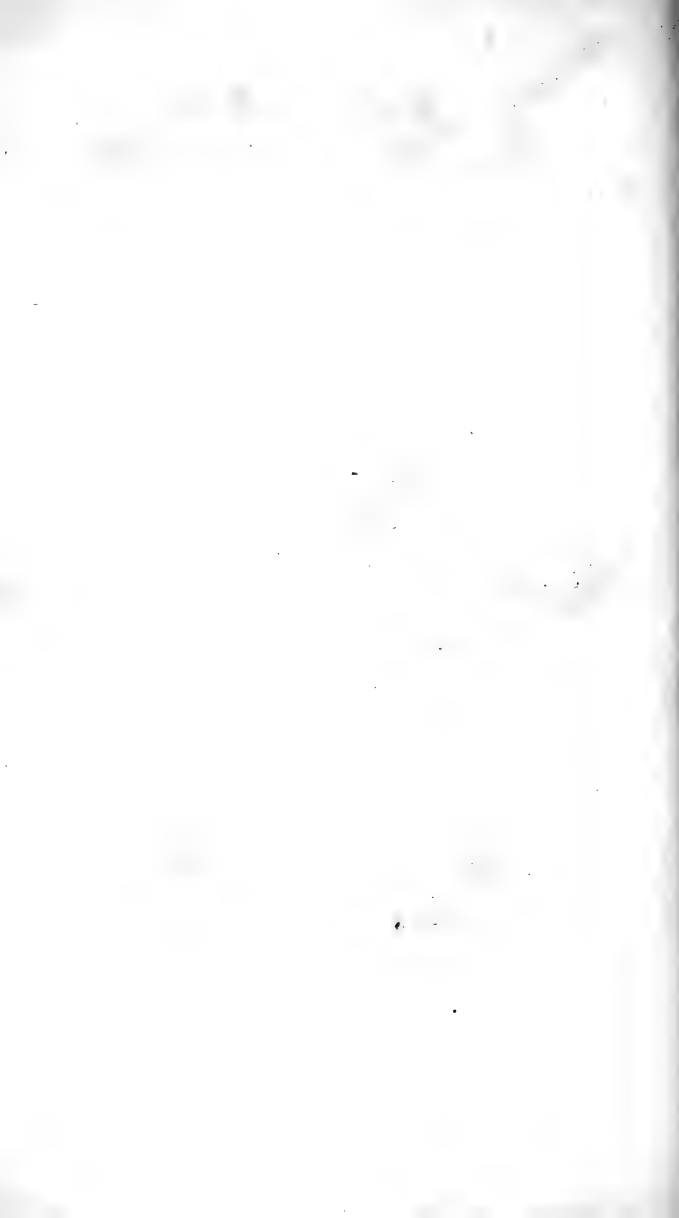
Pl. 8. 1847

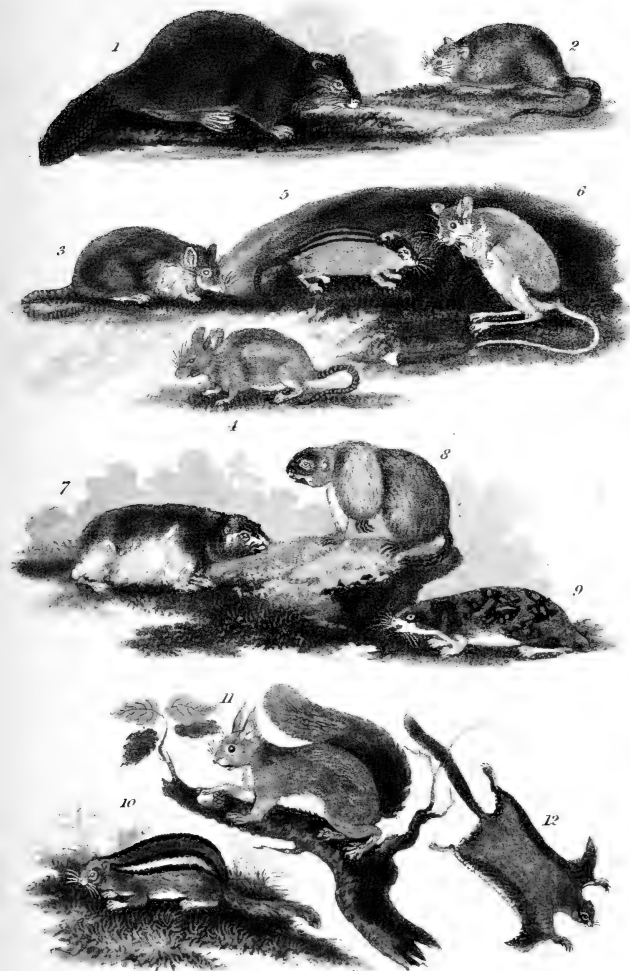
1 Striped Hyæna. 2 Spotted Hyæna. 3 Seal. 4 Sea Bear. 5 Walrus or Seal-Horse.





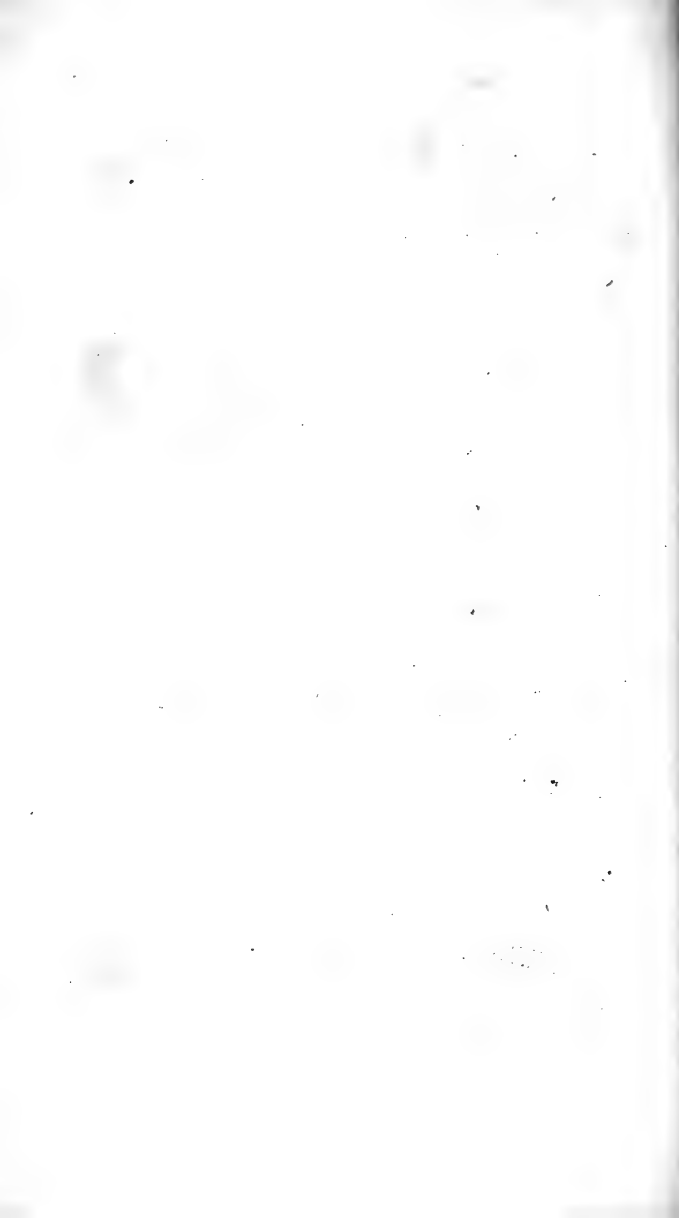
1 *Couti*. 2 *Yellow Macauco*. 3 *Surikiale*. 4 *Paradoxurus Tîpus*. 5 *Murine*.
 6 *Yapock*. 7 *Red Phalanger*. 8 *Van Diemens Land Opossum*. 9 *Koala*.
 10 *Pigmy Petaurista*

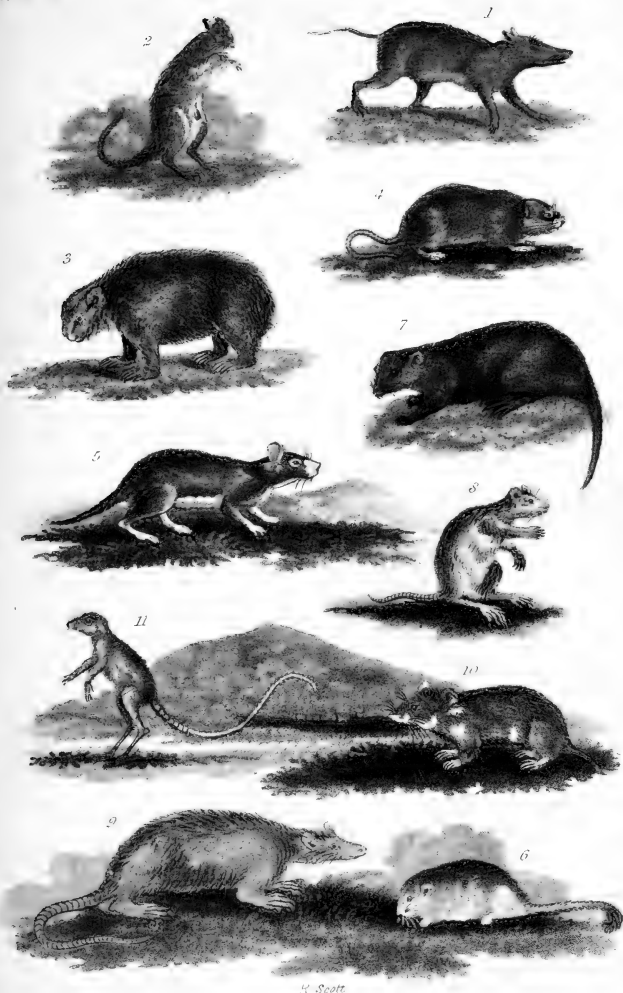




R. Scott

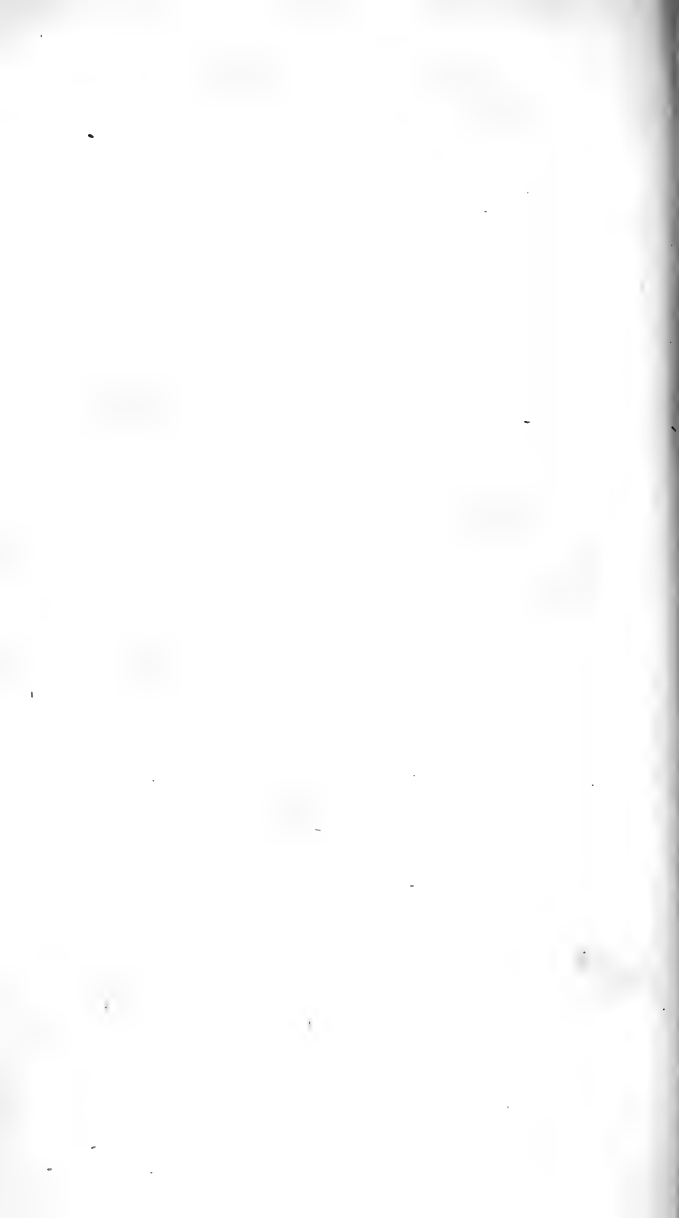
1 Beaver. 2 Musk Rat. 3 Rat. 4 Mouse 5 Dwarf Mouse. 6 Jerboa
7 Marmot. 8 Quebec Marmot 9 Lapland Marmot. 10 Ground Squirrel.
11 Gerbil. 12 Flying Squirrel.

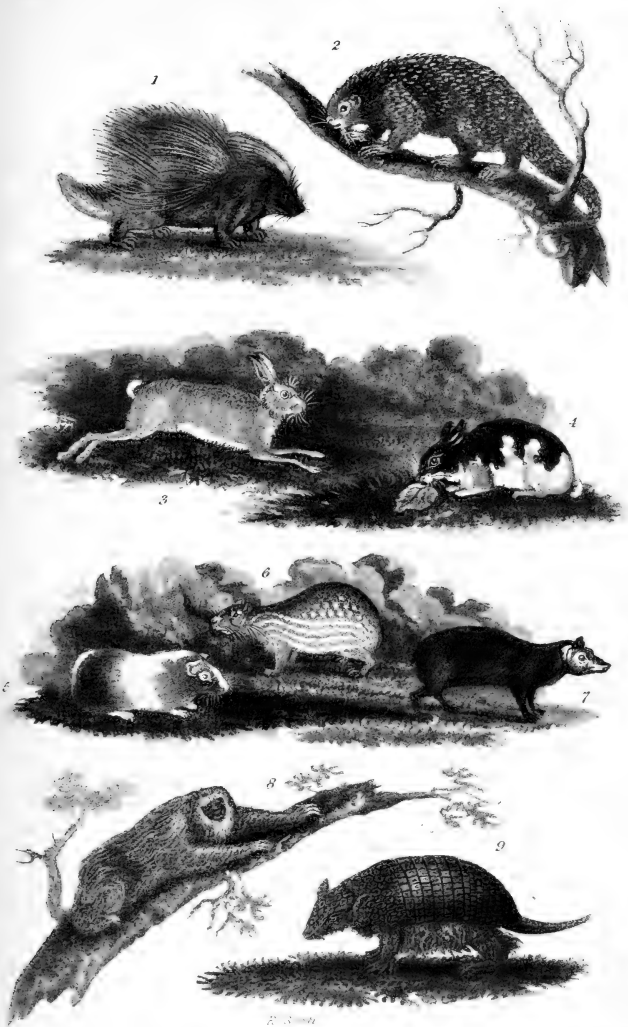




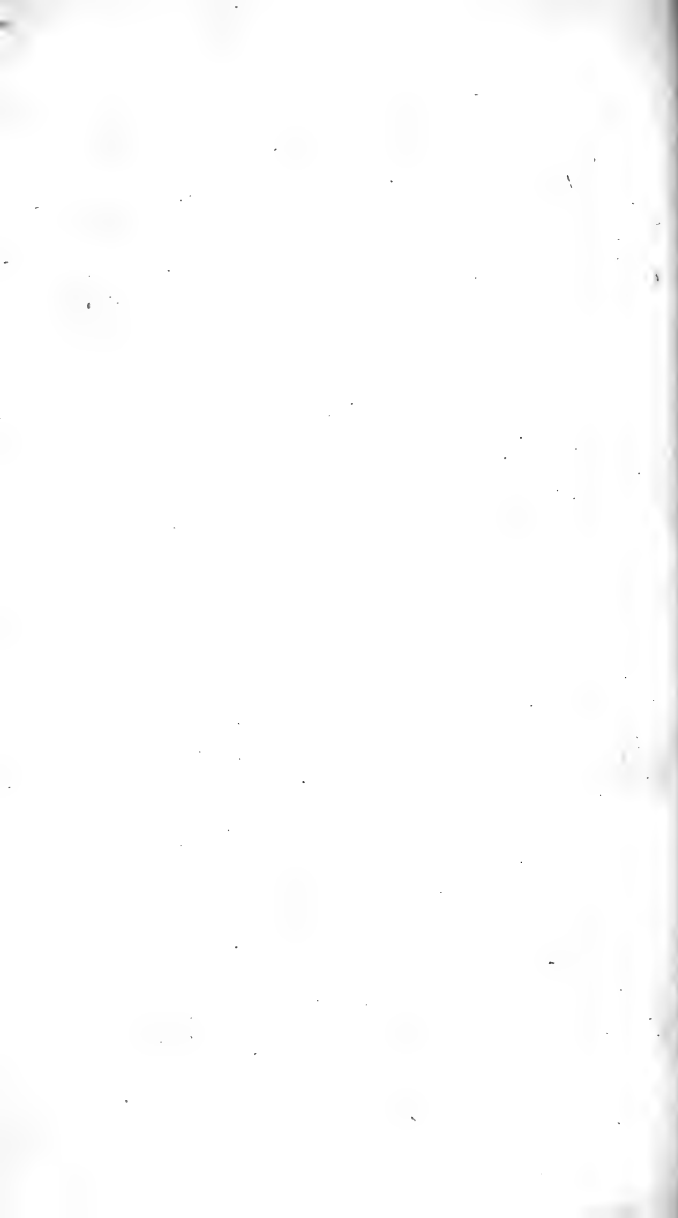
H. Scott.

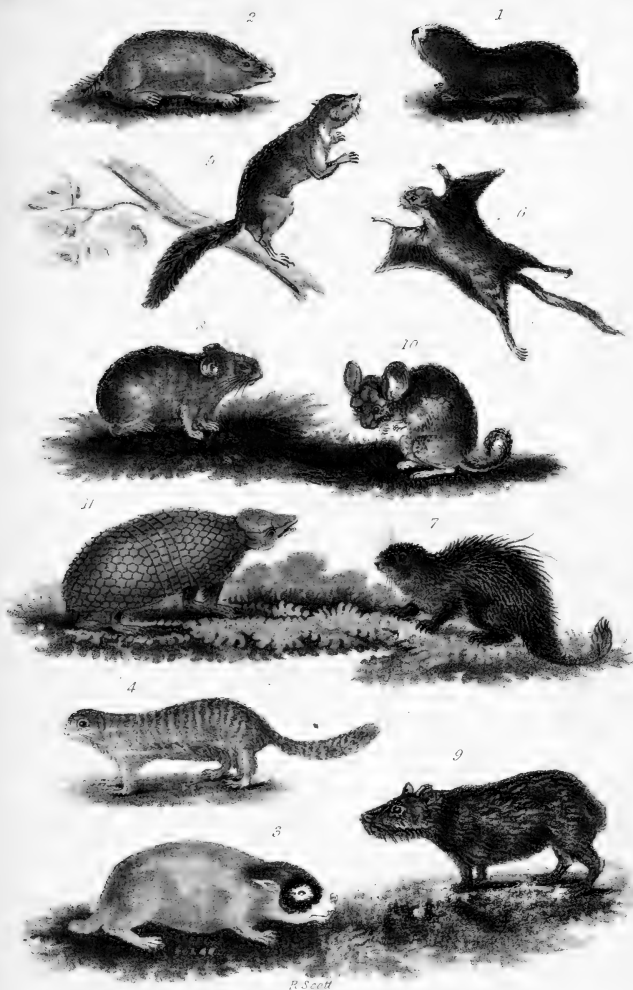
1 Long-nosed Pouched Badger. 2 Rat Kangaroo. 3 Wombat. 4 Water Rat. 5 Spiny D. 6 Dormouse. 7 Coypou. 8 Fourmiers Capromys. 9 Perchal. 10 Hamster. 11 Canadian Jerboa.





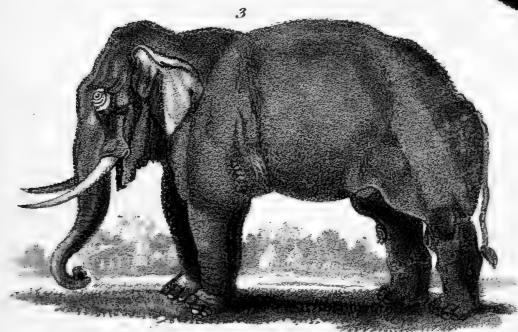
1. Porcupine. 2. Brazil Porcupine. 3. Hare. 4. Rabbit. 5. Guinea Pig. 6. Brown Pig. 7. Long nosed Ory. 8. Sloth. 9. Six Banded Armadillo.





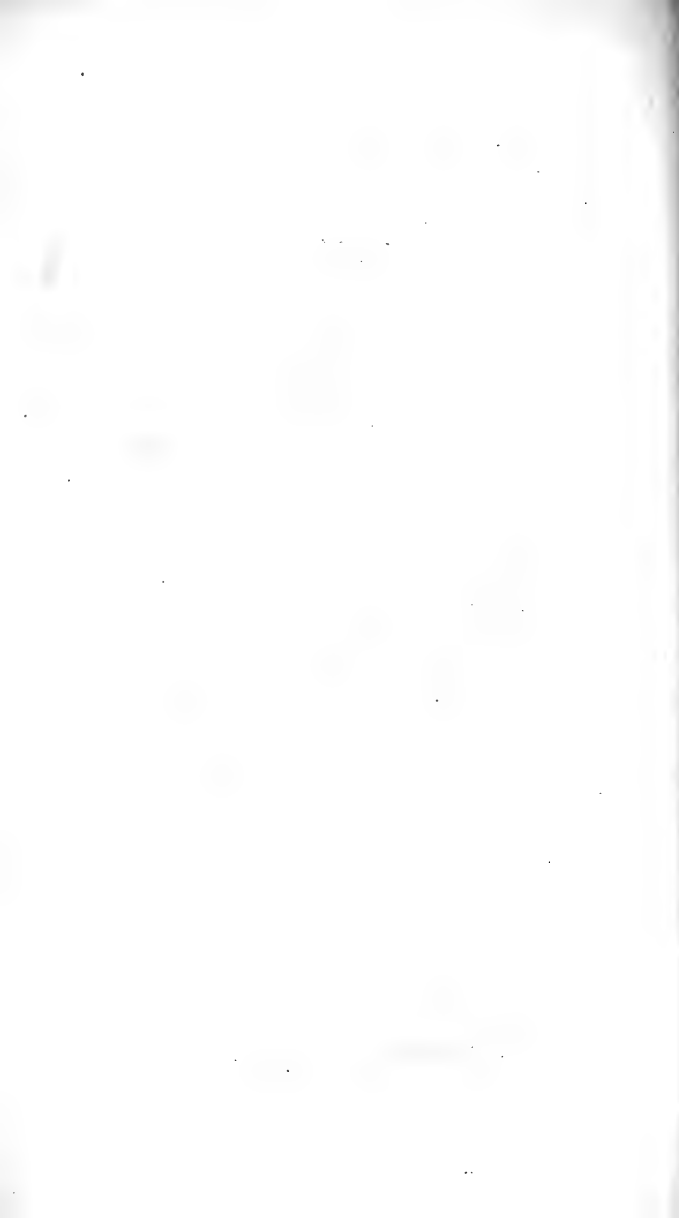
1 Spalax. 2 Coast Rat. 3 Pedetes Capensis. 4 Artonomys Franklinii. 5 Clarke's Squirrel. 6 Sailing Squirrel. 7 Fasciculated Porcupine. 8 Alpine Hare. 9 Capybara. 10 Chinchilla. 11 Three Banded Armadillo.

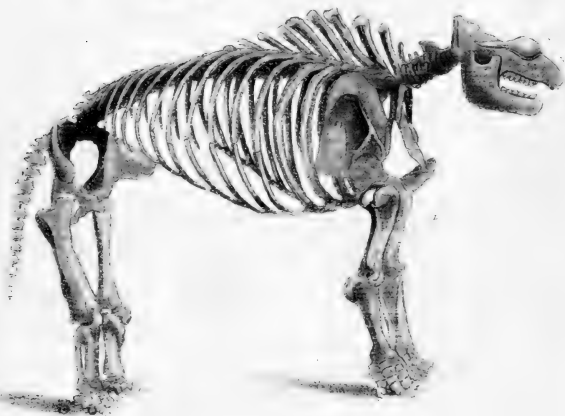
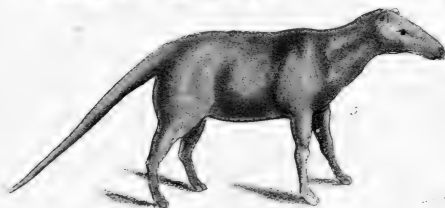
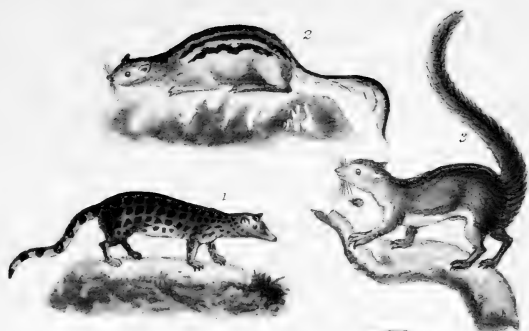




R. Scott

1 Ant Eater. 2 Pangolin. 3 Elephant. 4 Hippopotamus.



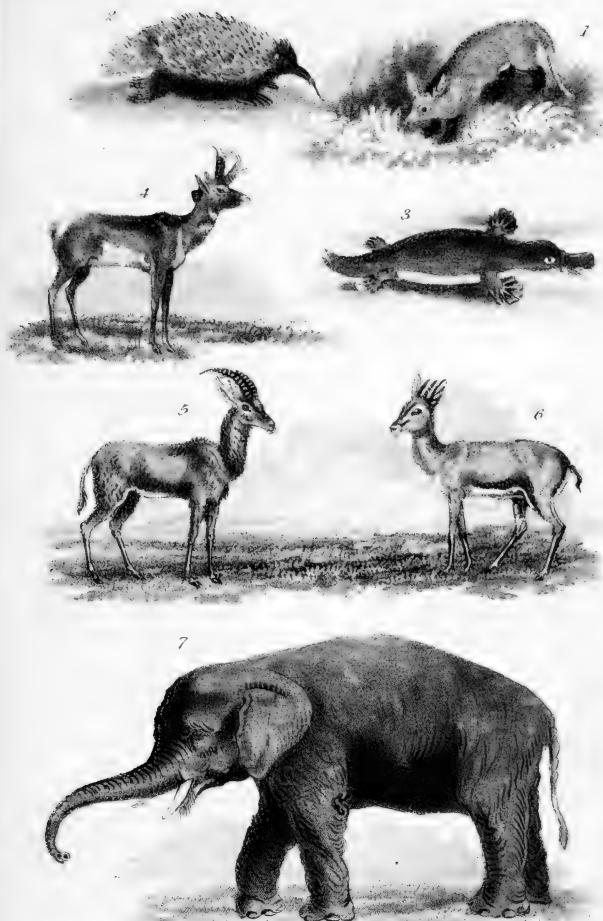


F. Scott

1. Gout. 3. Merlinguet Squirrel. 2. Squirrel. 4. Skeleton of Great Mastodon. 5. Great Anoplotherium.

Printed by J. W. Fullerton & Co. Glasgow



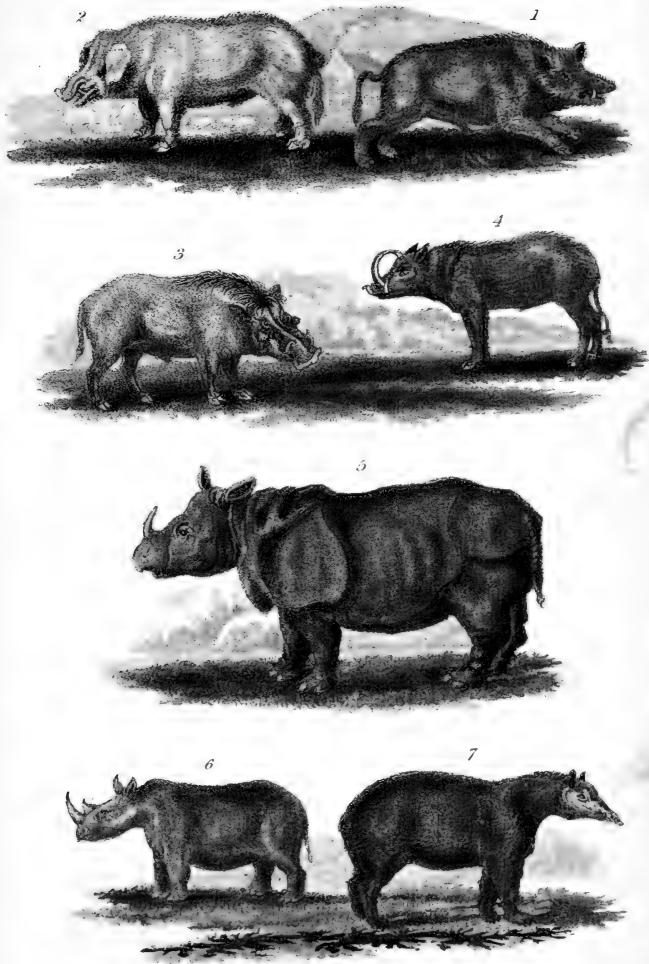


R. Scott

1 Cape Ant Eater. 2 Spiny Echidna. 3 Duck billed Platypus. 4 Prong horned Antelope. 5 Roan Antelope. 6 Four hilted Antelope. 7 African Elephant.

Published by Arch^d Fullarton & C^o Glasgow.

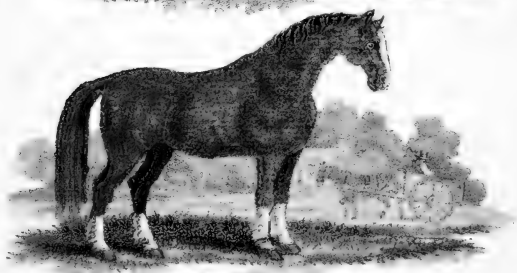
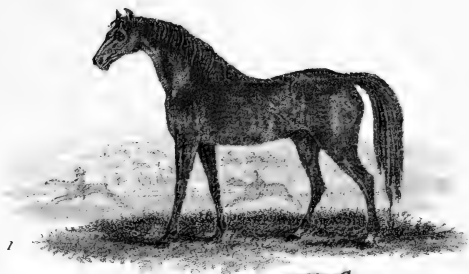




R. Scott

1 Wild Boar. 2 Common Hog. 3 African Wild Boar. 4 Babiroussa.
 5 Rhinoceros. 6 Two Horned Rhinoceros. 7 Tapir.



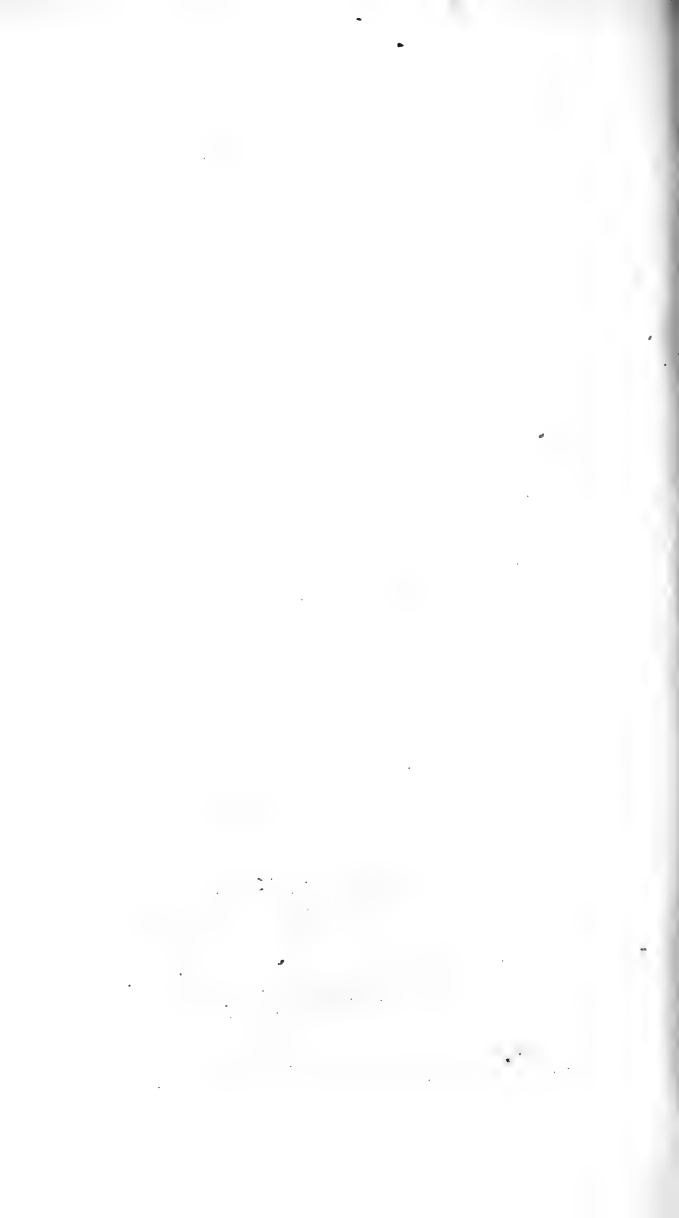


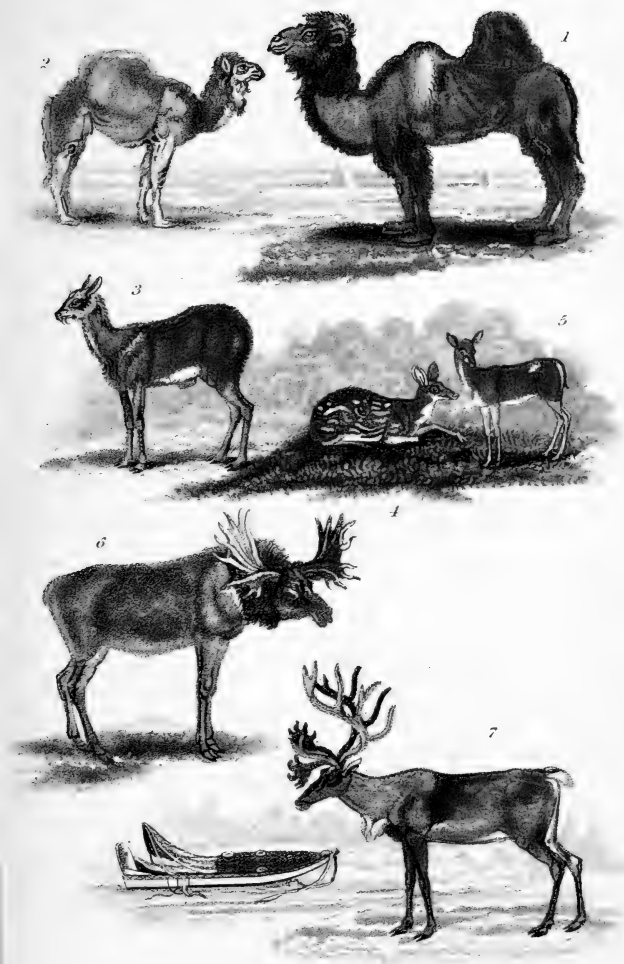
1 Horse. 2. Draught Horse. 3. Mule. 4 Ass.





1 Zebra. 2 Bull. 3 Cow. 4 Urus.

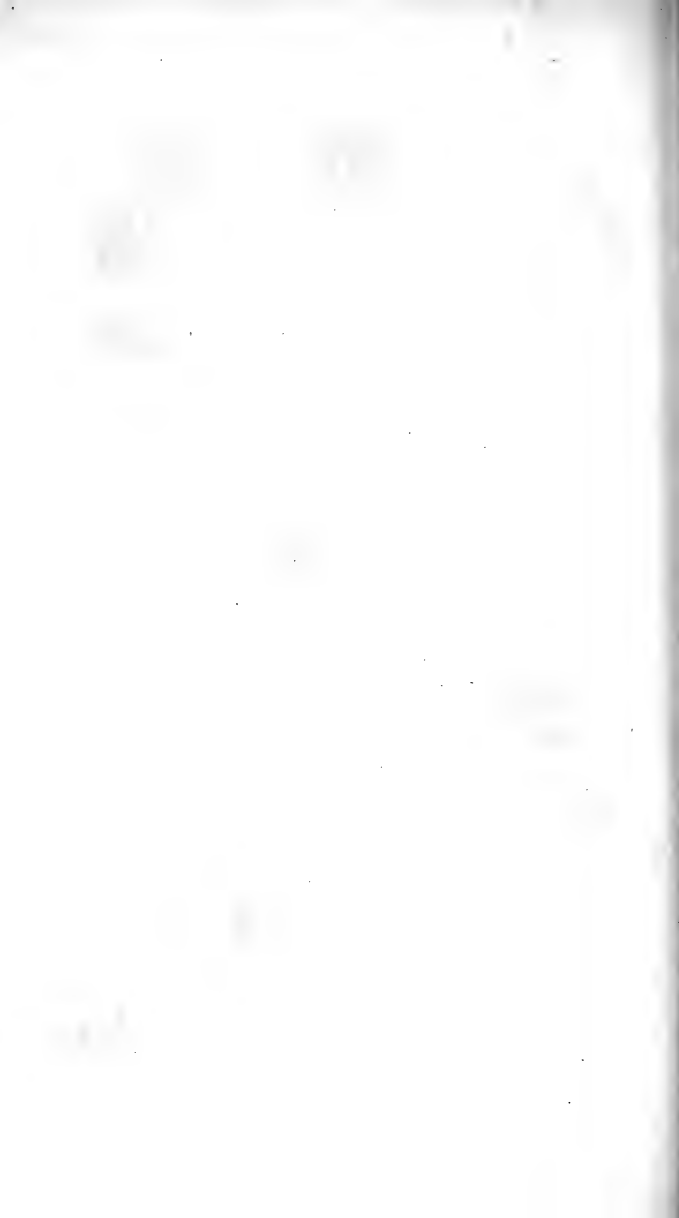


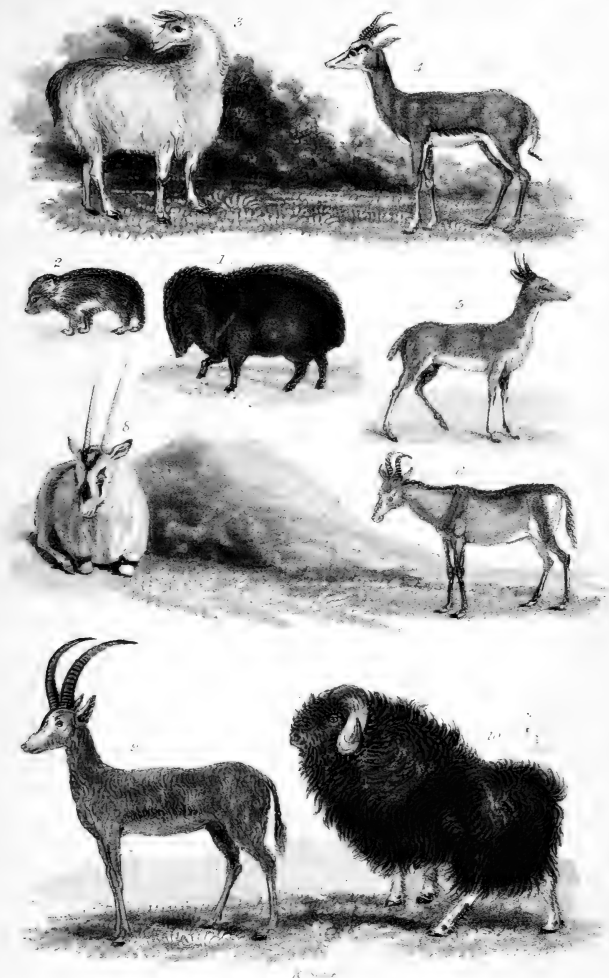


Pl. 100.

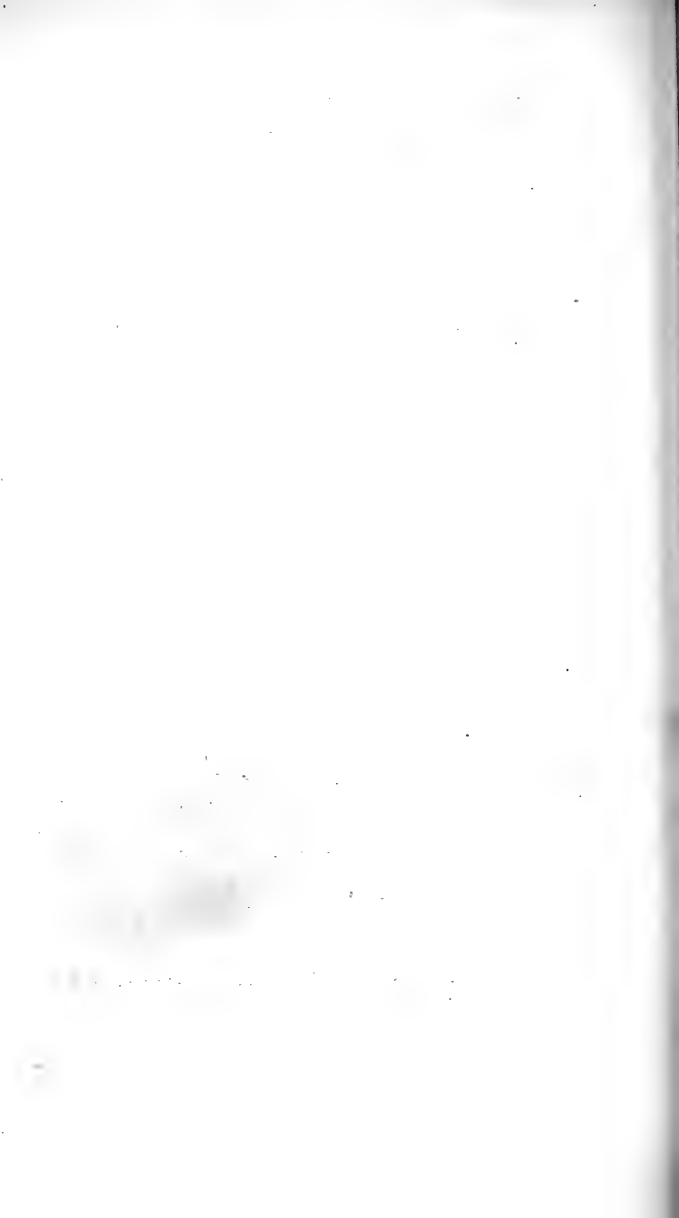
1 Camel. 2 Dromedary. 3 Goat. 4 Chevreton. 5 Mouflon. 6 Elk. 7 Reindeer.

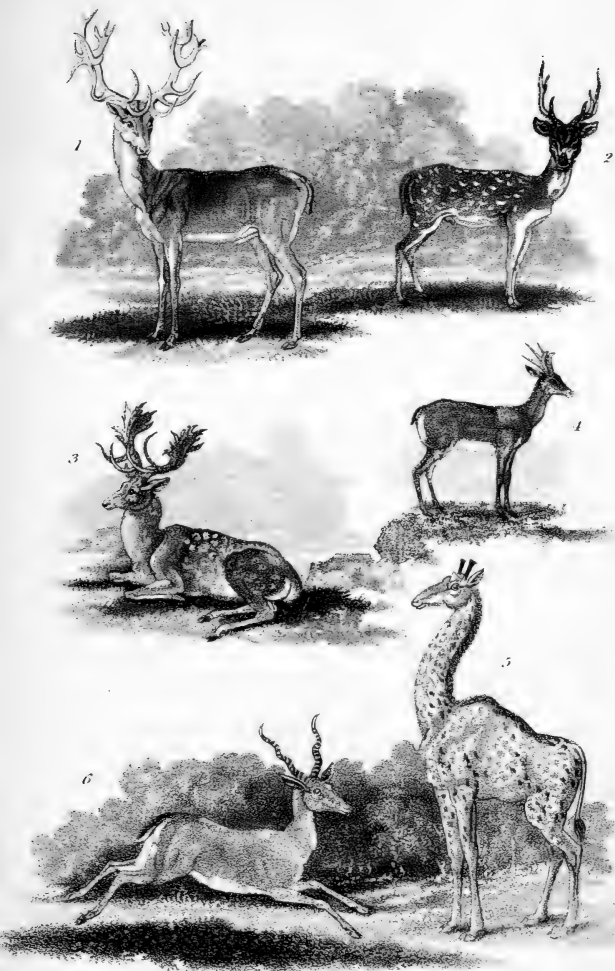
Antelope. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.





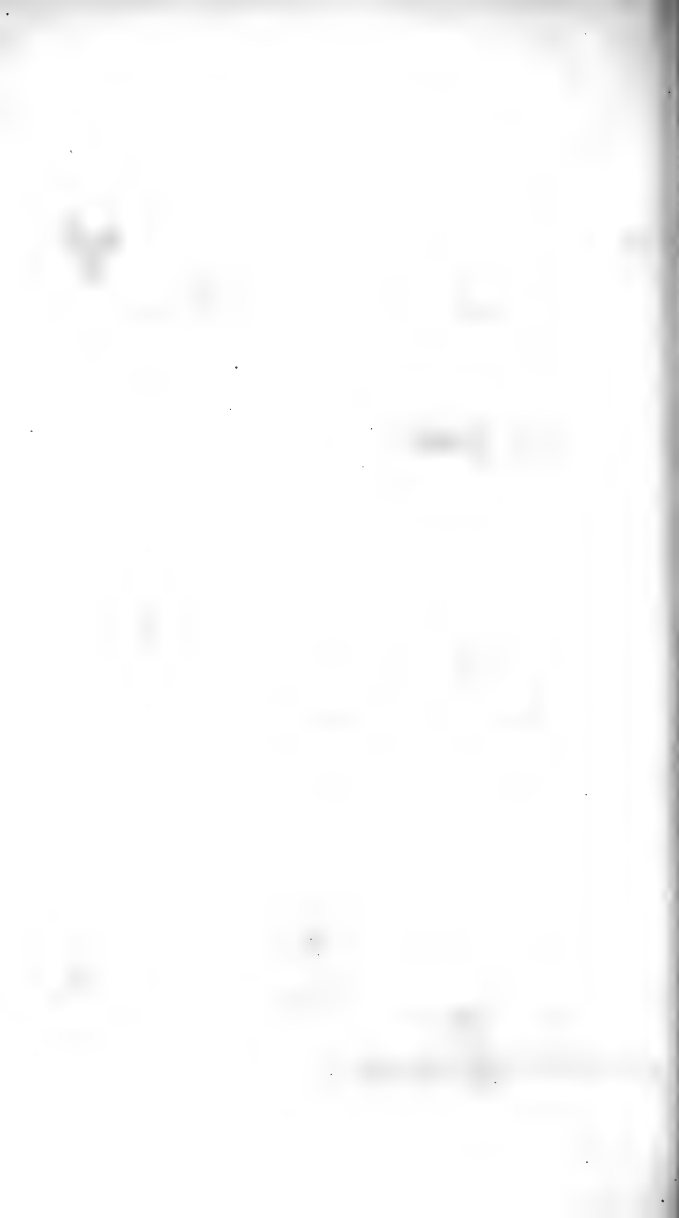
1 Collared Peccary. 2 Cape Hare. 3 Llama. 4 Springbok. 5 Hart Beest.
8 White Antelope. 9 Blue Antelope. 10 Musk Bull. 6 Rietbock.





1. Stag. 2. Axis. 3. Fallow Deer. 4. Roe Buck. 5. Cameleopard. 6. Antelope.

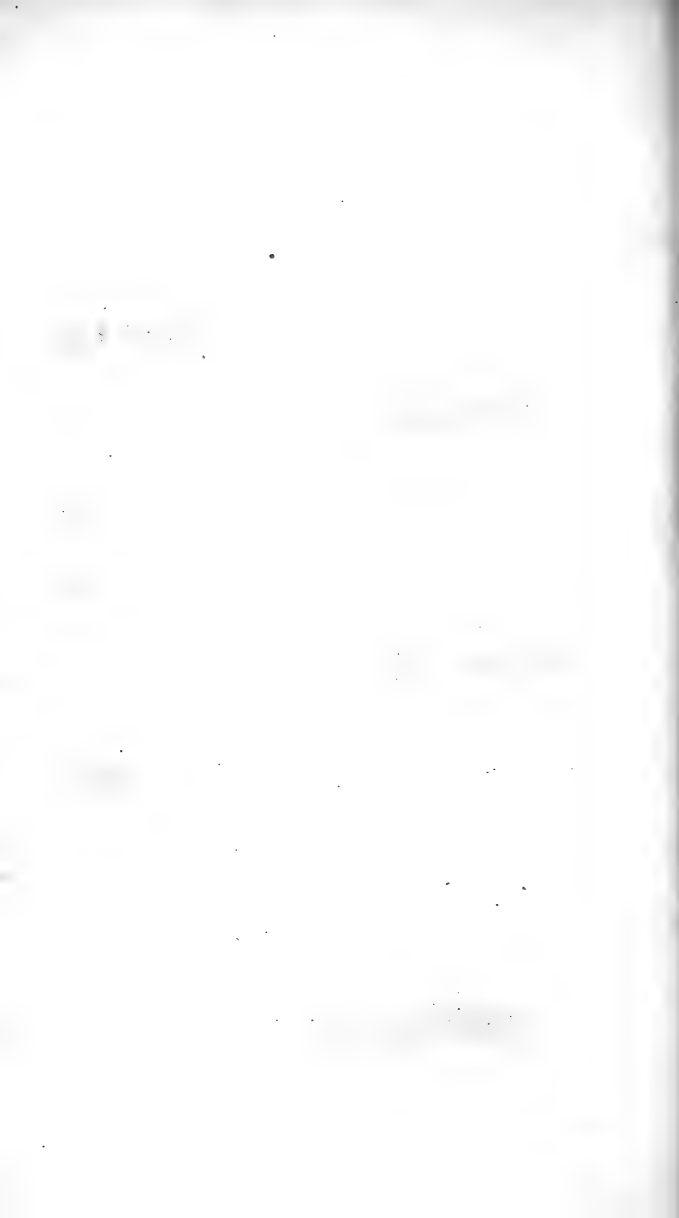
1 Stag. 2 Axis. 3 Fallow Deer. 4 Roe Buck. 5 Cameleopard. 6 Antelope.

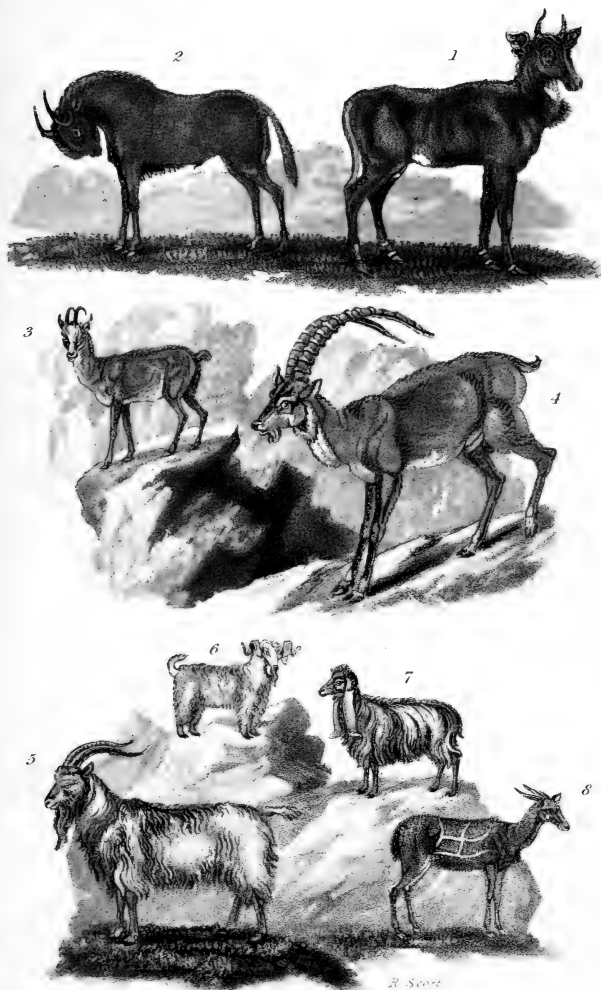




R. Scott

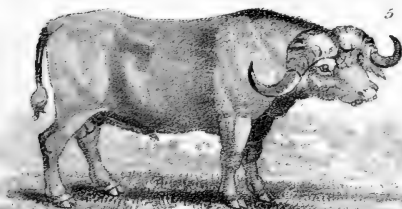
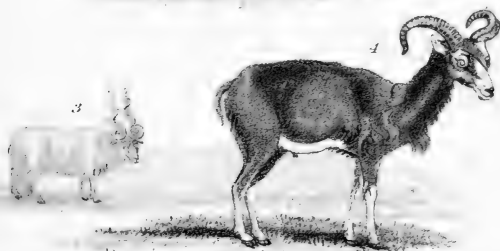
1 Malayan Rusa. 2 Guazupuco Deer. 3 Sumatra Muntjak. 4 Pita Brocket. 5 Imp





1. Nyl Ghau. 2. Gnu. 3. Chamois. 4. Ibex. 5. Goat. 6. Angora Goat.
7. Syrian Goat. 8. Pied Goat

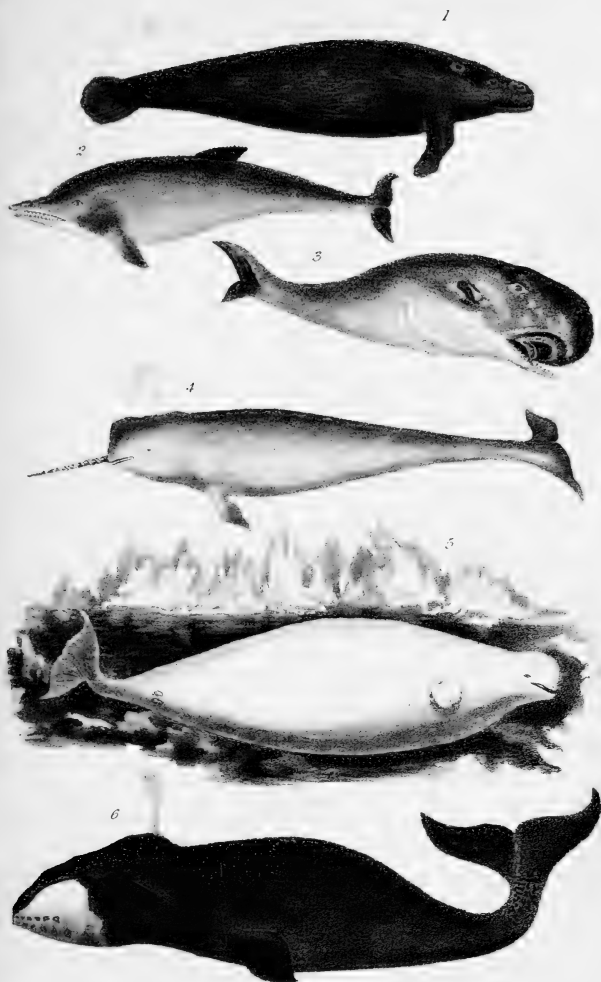




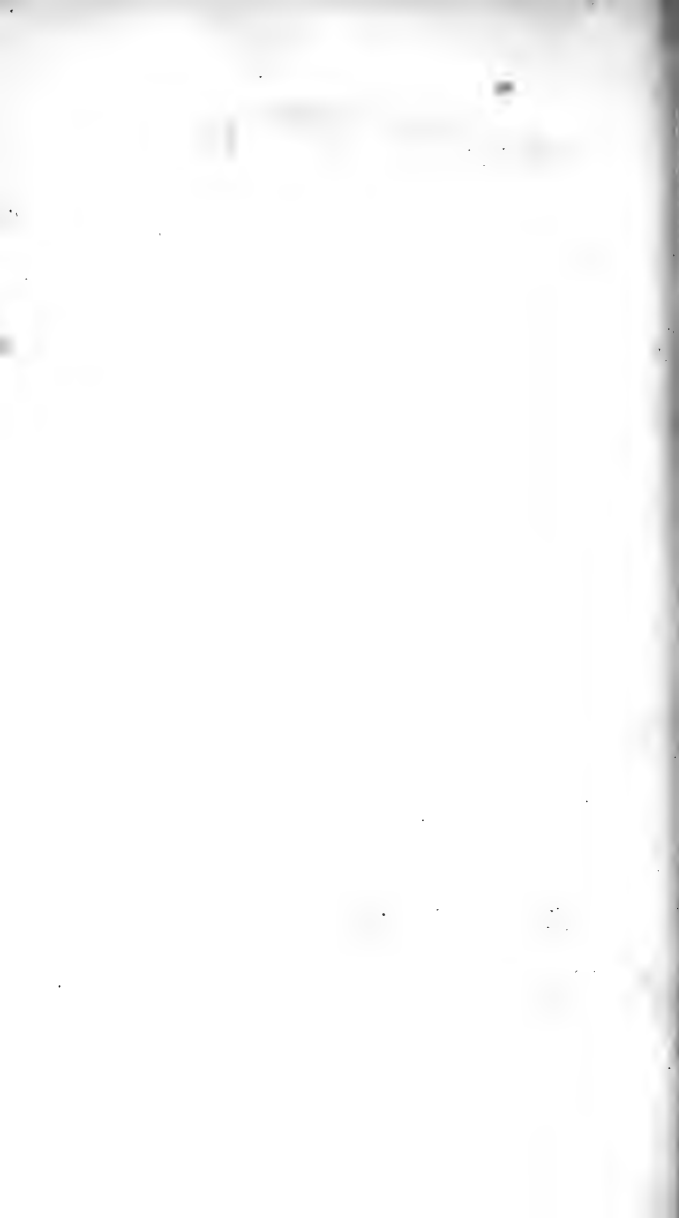
R. Scott

1 Black Faced Sheep. 2 Tartarian D°. 3 Wallachian D°. 4 My... 5 Buffalo. 6 Zebu. 7 Bison.





1. Red tailed Trichechus. 2. Dolphin. 3. Blunt Headed Dolphin. 4. Narwal. 5. Beluga or White Whale. 6. Greenland Whale.

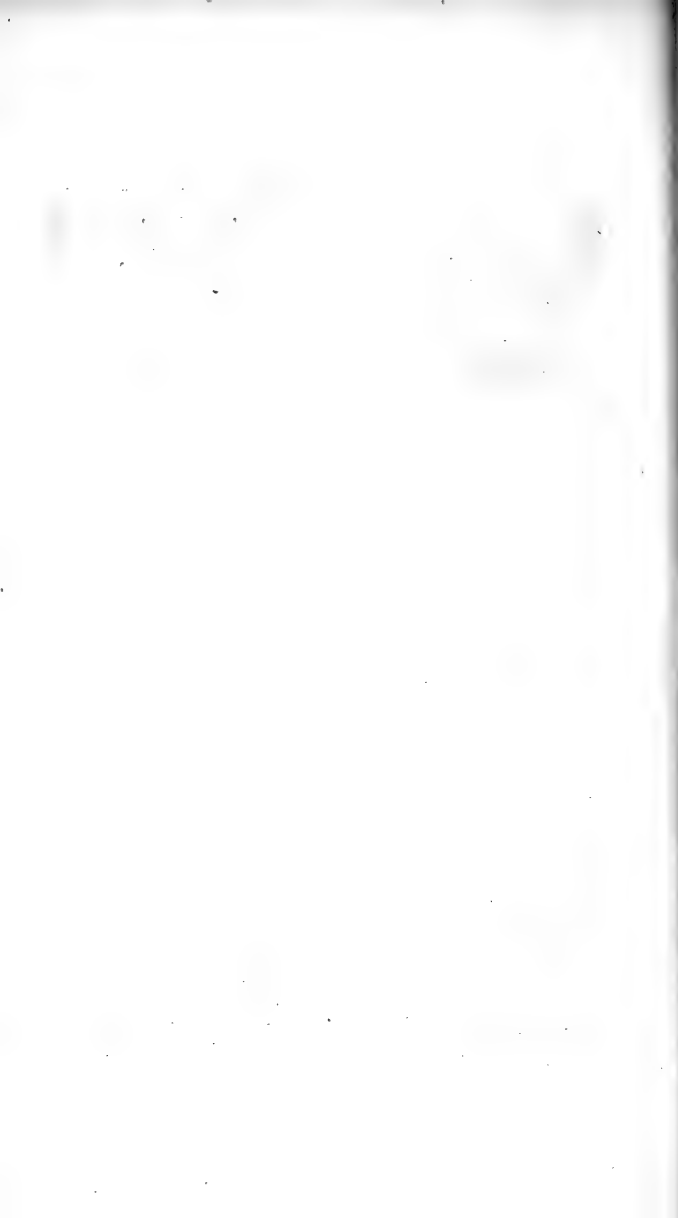








1 Vulture. 2 Condor. 3 Golden or White Tail'd Eagle. 4 Sea Eagle. 5 Osprey.
6 Common Buzzard. 7 Sparrow Hawk. 8 Goshawk.





R. Scott.

1. African Ox Pecker. 2. Noisy Roller. 3. Hen Harrier. 4. Red Throated Falcon.
 5. Baltimore Oriole. 6. Red Headed Sawbill. 7. Kestrel female. 8. Bearded Vulture.
 9. Serpent Eater, or Secretary

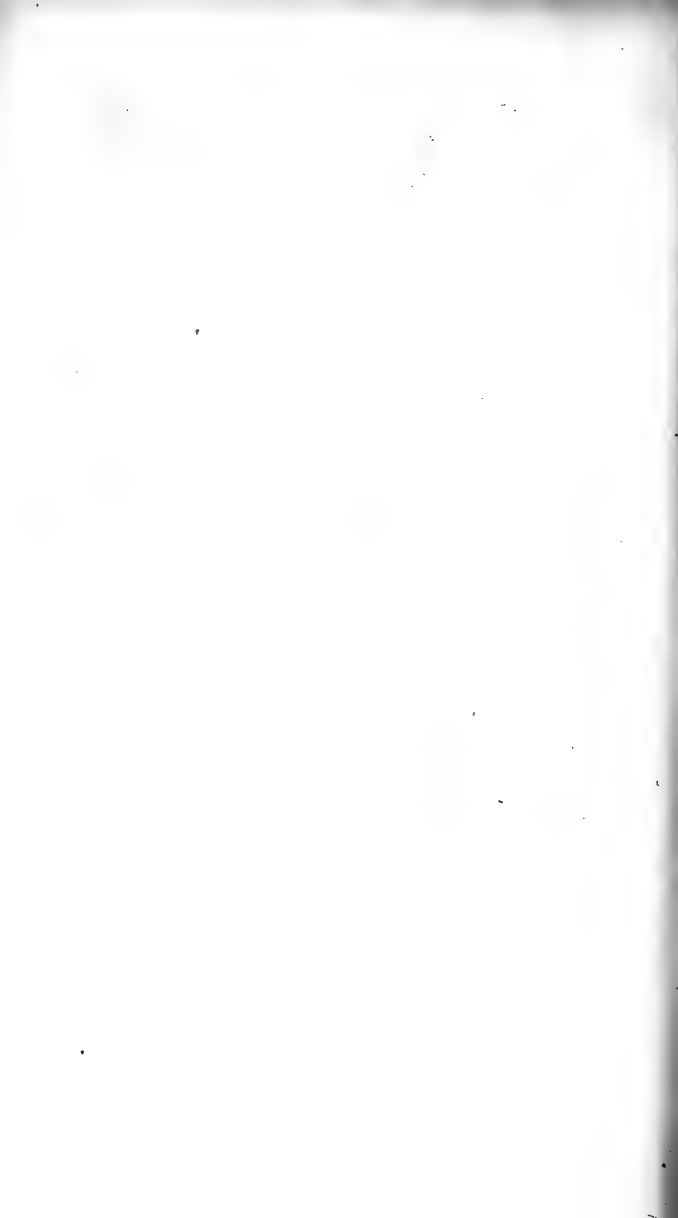


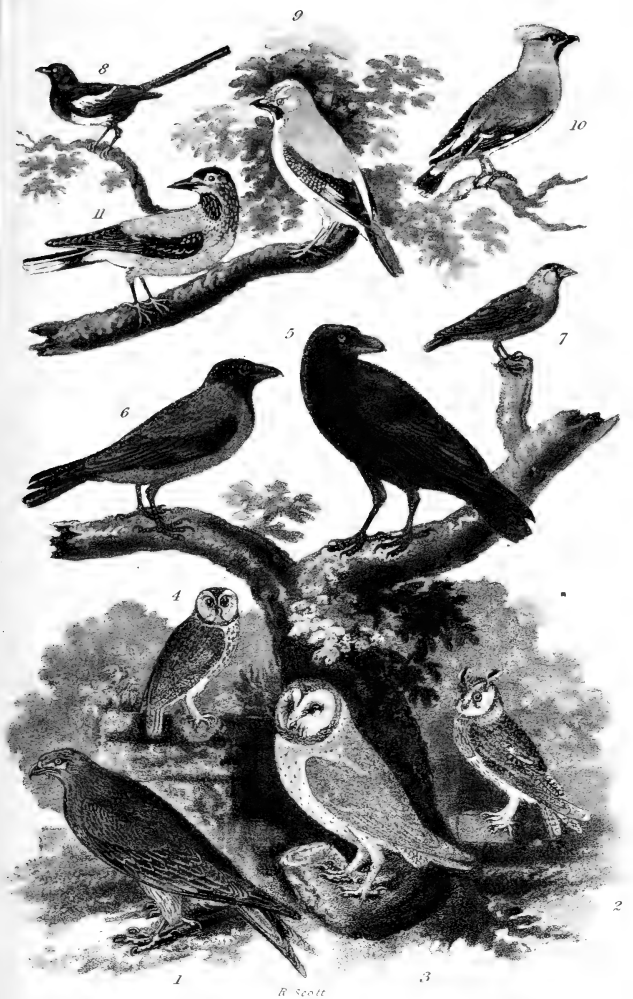


R. Scott

1 Caracara Eagle, 2 Great Harpy, 3 Snowy Owl, 4 Great Grackle, 5 Crested Vulture, 6 Ruffed Grouse, 7 White-bellied Shrike, 8 Red-throated Loon, 9 Red-tailed Noddy, 10 Long-billed Cuckoo

Published by J. B. Lippincott & Co. in 1860





1 Kite. 2. Long Eared Owl. 3 Barn Owl. 4 Tawny D? 5 Raven. 6 Hooded Crow. 7 Jack Daw. 8 Magpie. 9 Jay. 10 Chatterer. 11 Nutcracker

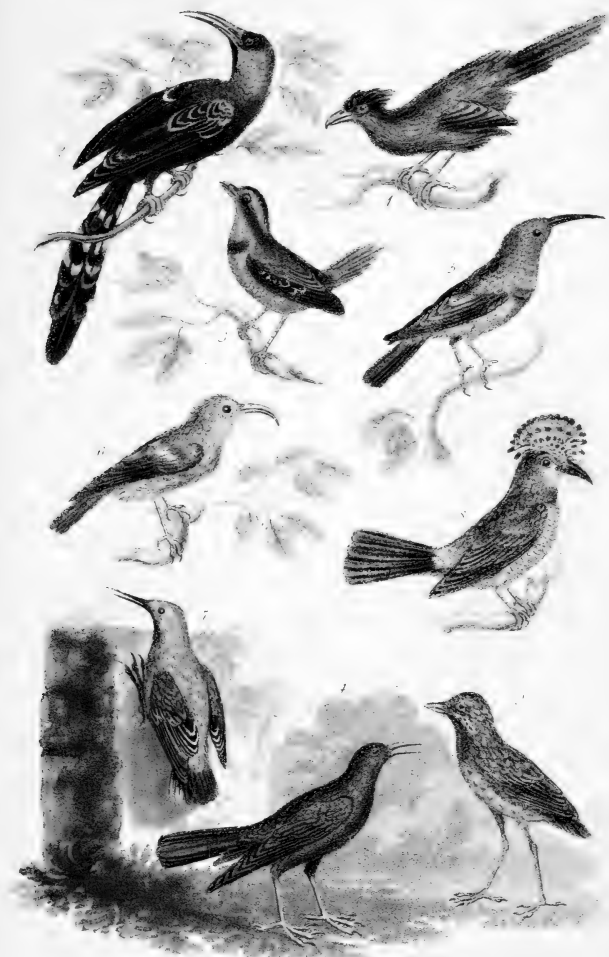




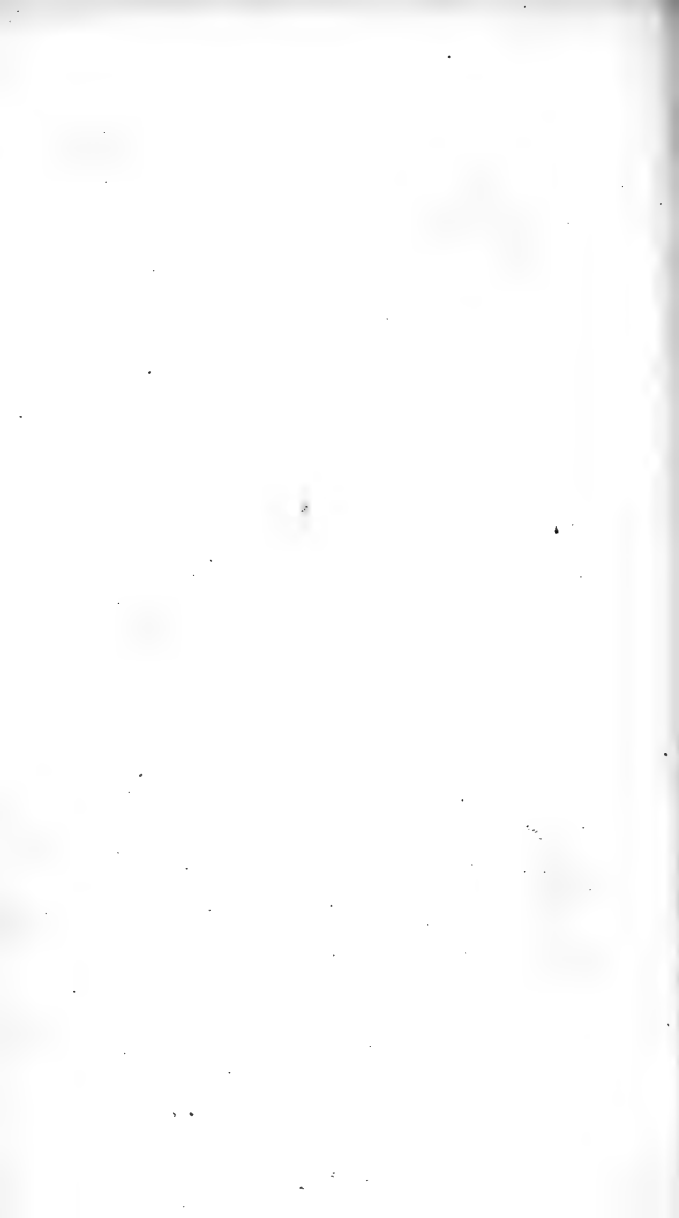
R. Scott

1 Malabar Horn Bill. 2 Brazilian Tucan. 3 Grackle. 4 Roller. 5 Golden Oriole.
6 Starling. 7 Bird of Paradise. 8 Thrush. 9 Blue Ouzel.





1 Bush Shrike. 2 Red Billed Promerops. 3 Blue Tailed Crow. 4 Red Legged
D?. 5. Collared Creeper. 6 Hook Billed Red D?. 7 Wall D?. 8 Royal Tock.
9 King Thrush.



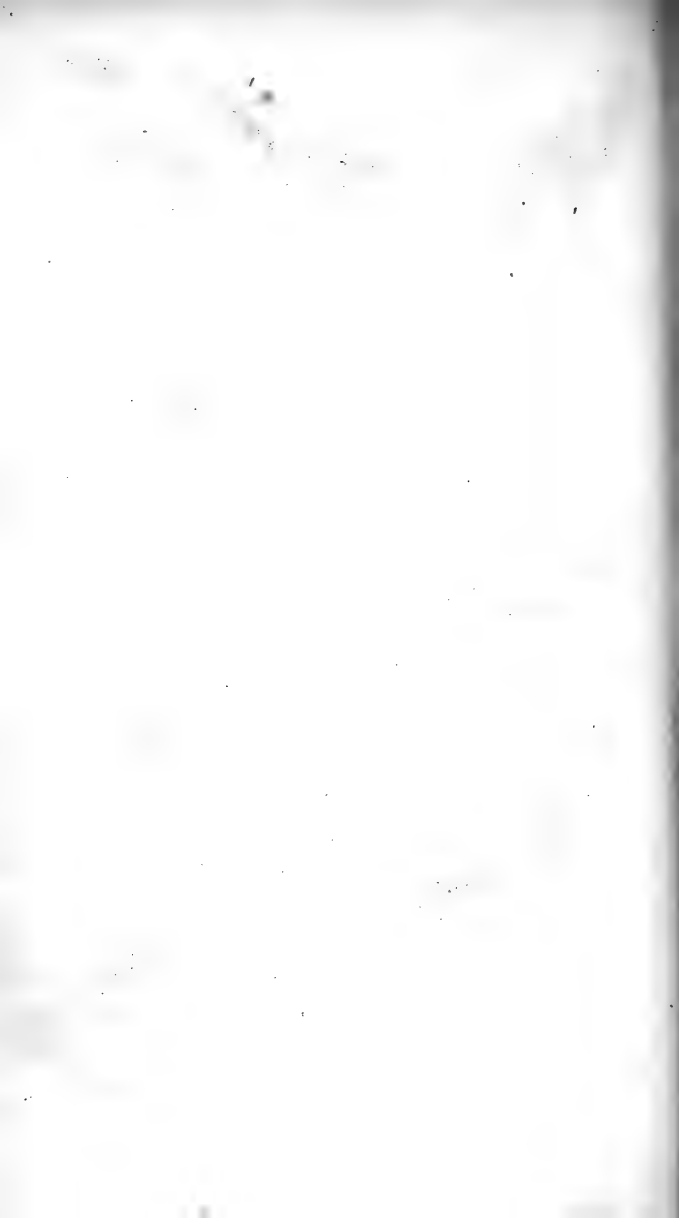


1. Grey Wagtail. 2. Gerget Paradise Bird. 3. Yellow-billed Phalarope. 4. Ploverus
 5. African Cuckoo. 6. Blue D. 7. Variegated Chatterer. 8. Black-
 Throated Barbet





1 Olive Saltator. 2 Coremanidel Courier. 3 Keel-Bill. 4 Spotted. 5 Spotted. 6 Spotted. 7 White-Browed. 8 Keel-Bill. 9 Keel-Bill. 10 Keel-Bill.





PLATE

1. Little Redstart 2. Blackbird 3. Superb Shrike 4. Kinglet 5. Parrot 6. Parrot 7. Parrot 8. Parrot 9. Parrot





1 Black Ouzel. 2 Mocking Bird. 3 Great Ash coloured Shrike. 4 Reed Finch. 5 Nighthingale. 6 Black Cap. 7 Redstart. 8 Redbreast. 9 Golden Crested Wren.



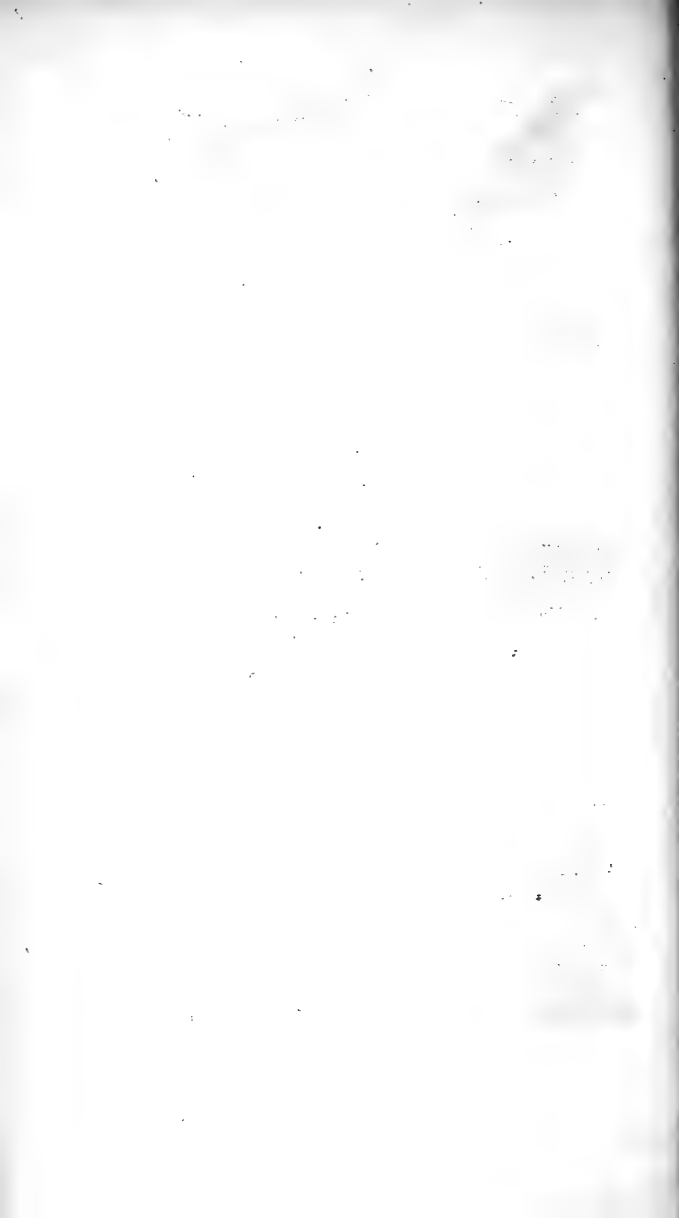


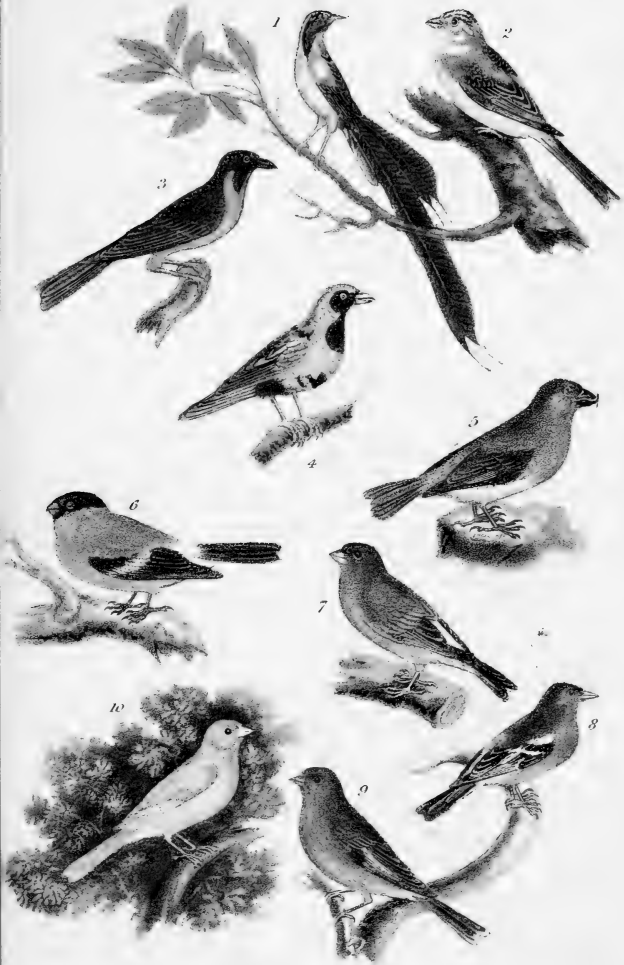
R. Scott.

1. Lona Tailed Manakin. 2. Streaked D. 3. Pied Flycatcher. 4. Green Tody.

5. Touraca. 6. Red Headed Woodpecker. 7. Purple Breasted Chatterer.

8. Annulated D.





R. S. 1884

1 Whidah Bunting. 2 Yellow Bunting. 3 Black Tanager. 4 Philippine Weaver
5 Cross Bill. 6 Bullfinch. 7 Greenfinch. 8 Chaffinch. 9 Grey Linnet. 10 Canary Bird.





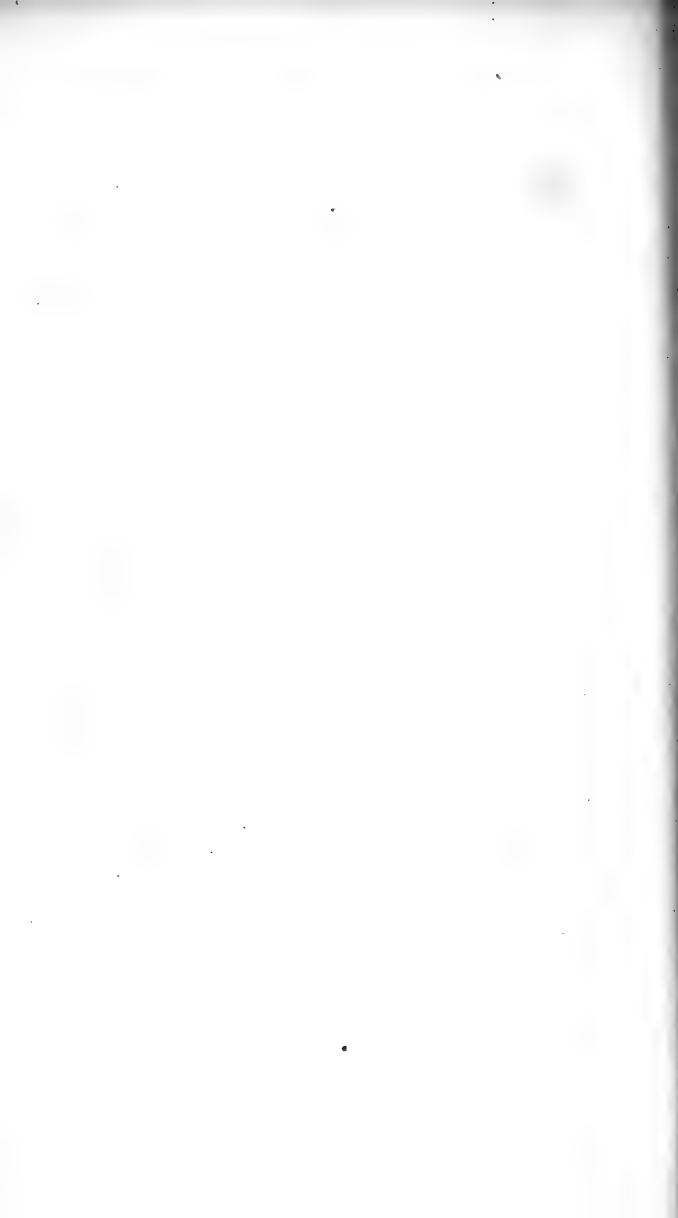
R. Scott

1 Lesser Redpole. 2 Goldfinch. 3 Great Honey Guide. 4 Cuckoo. 5 Quizel.
6 Parrot. 7 Red & Blue Macaw. 8 Cockatoo. 9 Alexandrine Parakeet.





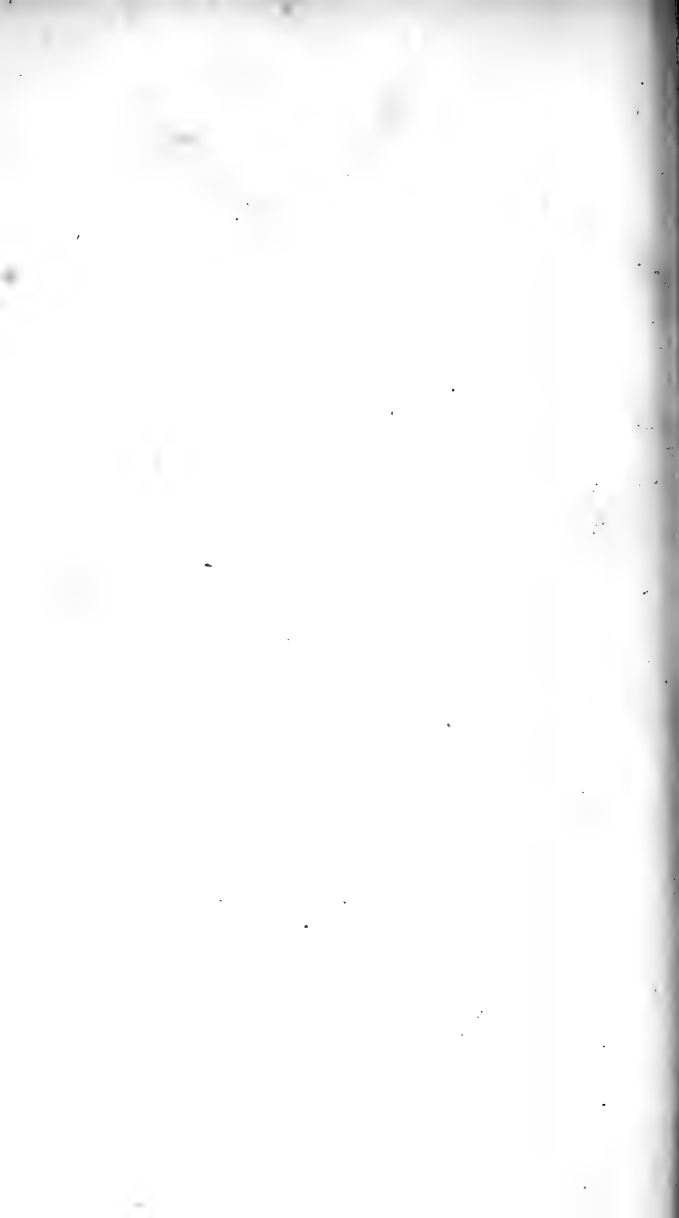
1 Greater Spotted Woodpecker. 2 Smallest D. 3 Wryneck. 4 Nuthatch. 5 Creeper.
 6 Harlequin Humming Bird. 7 Red Throated D. 8 Hoopoe. 9 Embroidered Bee Eater.
 10 Blue headed Bee Eater. 11 Red winged D. 12 Common Creeper.





H. Scott.

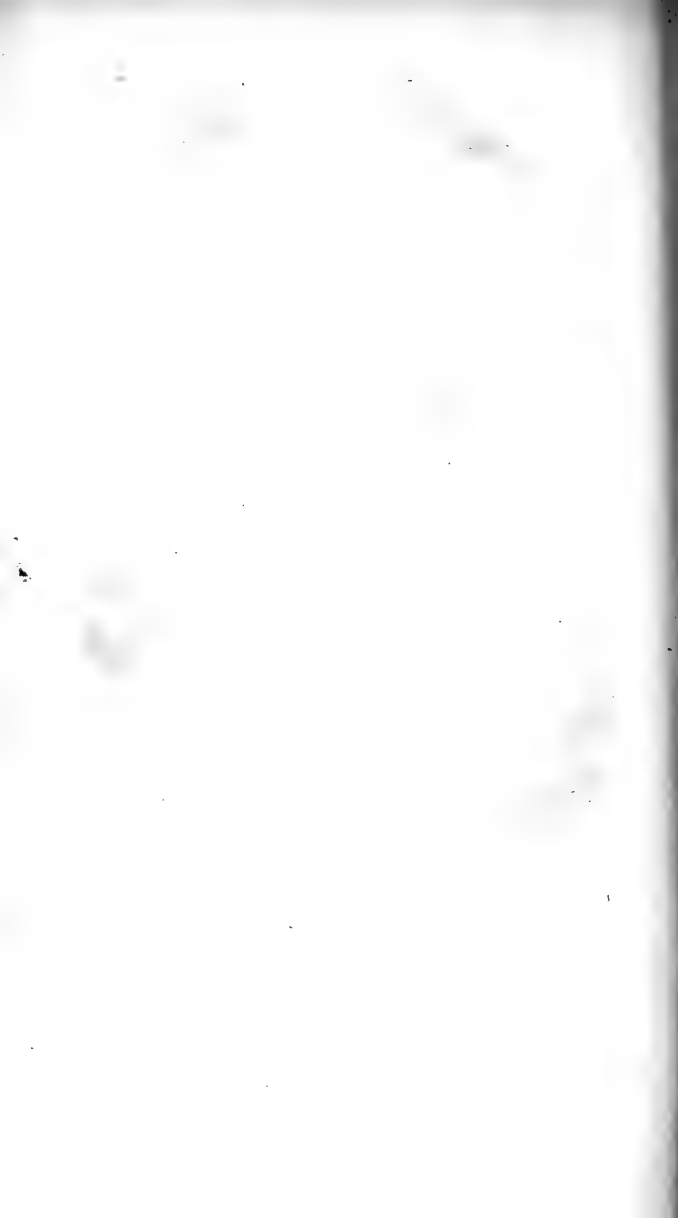
1. Ant Cutter 2. Elegant Cingyris 3. Collared Barbet 4. Xenops Genibarbus.
 5. Lophochelidon 6. Green Jacamar 7. Whitebilled Malcoha 8. Groove
 9. Red Pogonias 9. New Holland Scythrops.





J. S. S. S.

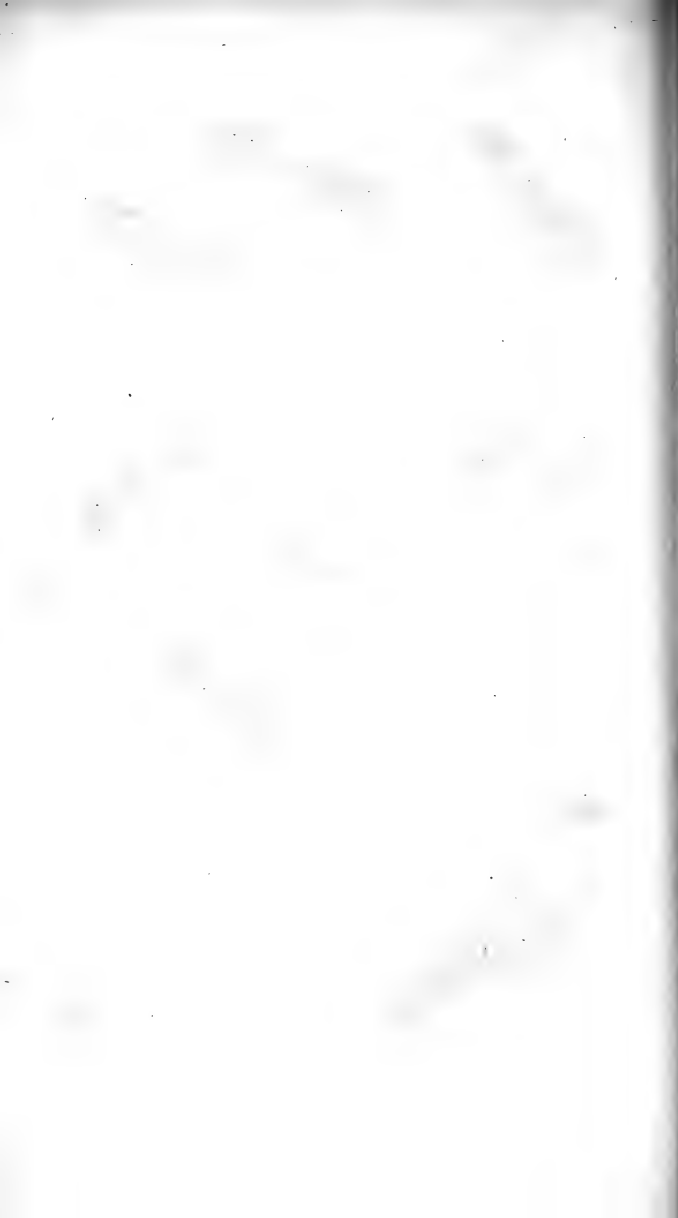
*Superb Warbler. 2. Cape Cely. 3. Pheasant Coucal. 4. Abyssinian Ilyreus.
 5. Platyrhynchus Horsfield. 6. Helmeted Chatterer. 7. Houtz. Serpent Eater.
 Hoopoe Hen.*





R. Scott

1 King fisher. 2 Chimney Swallow. 3 Martin. 4 One Coloured Swift. 5 Night Jar.
 6 Wild Pigeon. 7 Turtle Dove. 8 Jambou Pigeon. 9 Fan Tail. 10 Great crowned
 Pigeon. 11 Carrier Pigeon.



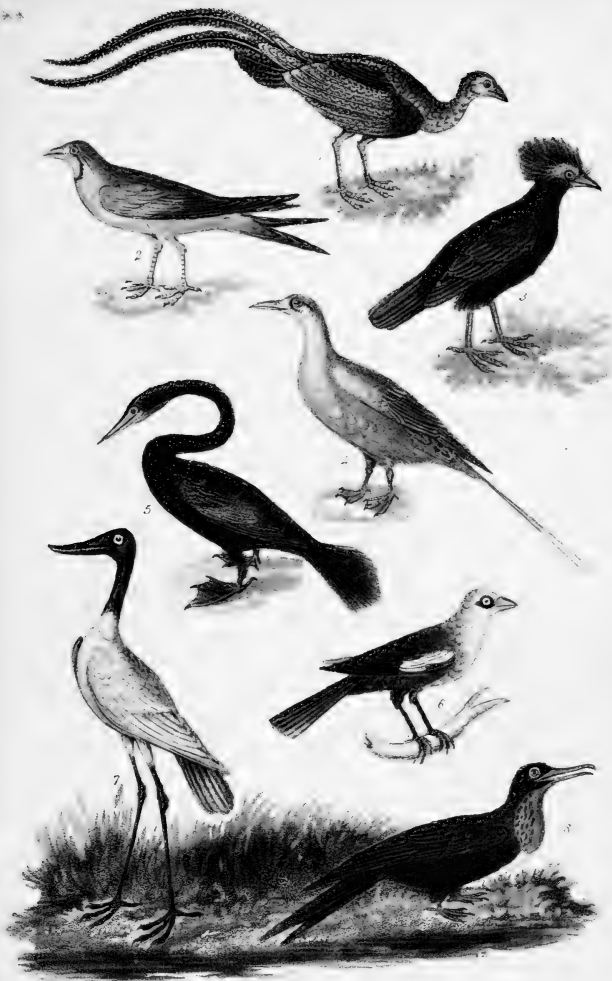


R. Scott

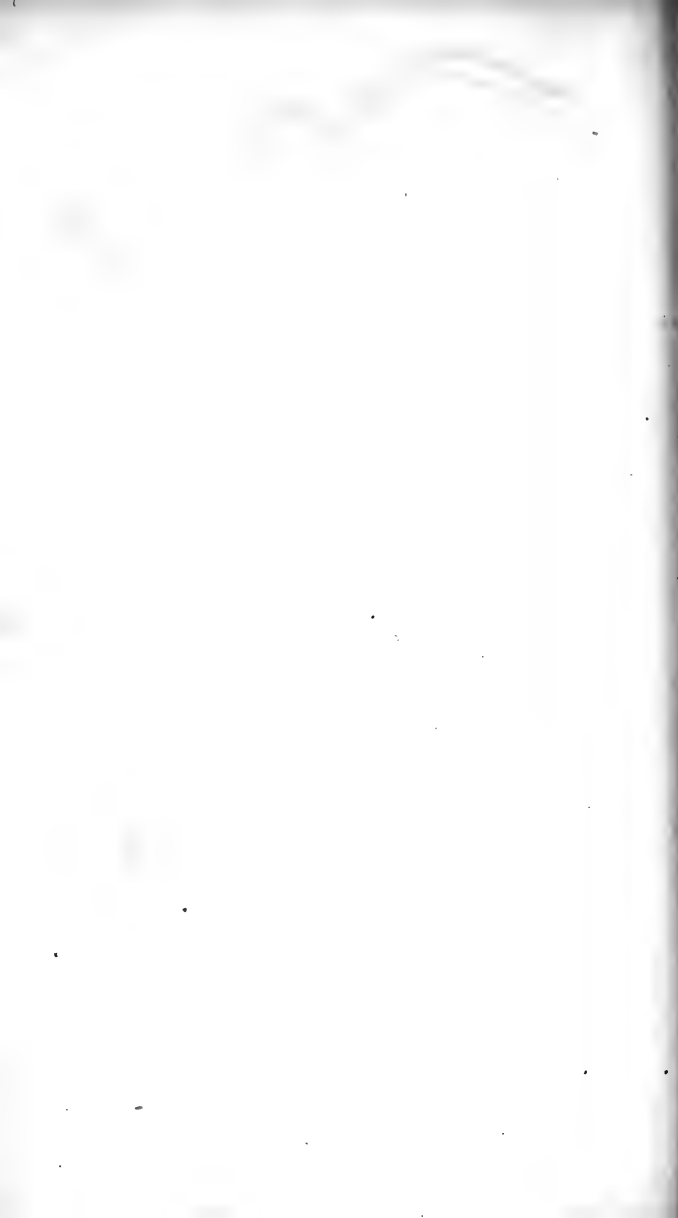
1. *Toucan*. 2. *Toucan*. 3. *Toucan*. 4. *Toucan*. 5. *Toucan*. 6. *Toucan*. 7. *Toucan*. 8. *Toucan*.

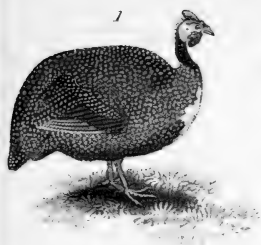
Published by Arch^d Fullarton & Co. Glasgow





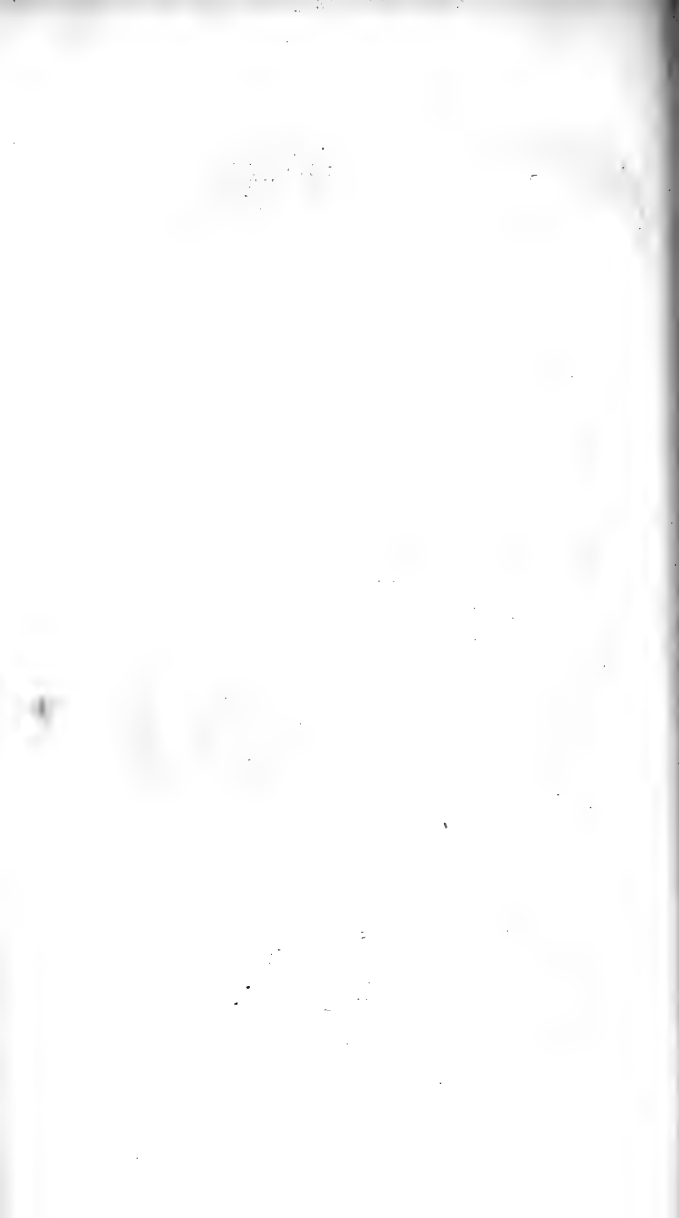
1 Gigantic Argus. 2 Collared Pratincole. 3 Crowned Cryptorhynchus. 4 Red Tailed Tropic Bird. 5 Black Bellied Darter. 6 Yellow Headed Tropicbird. 7 American Jabiera. 8 Common Frigate Bird.

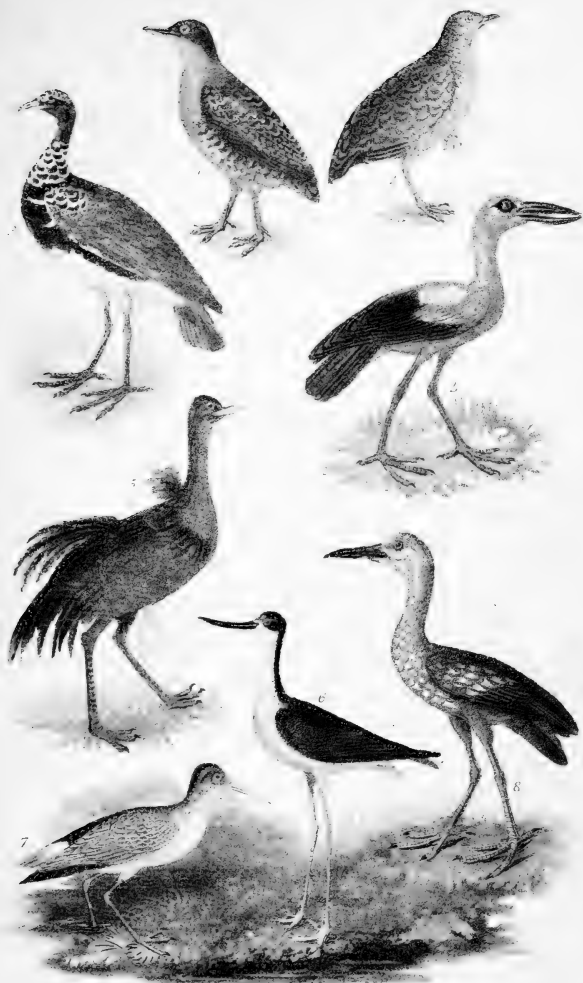




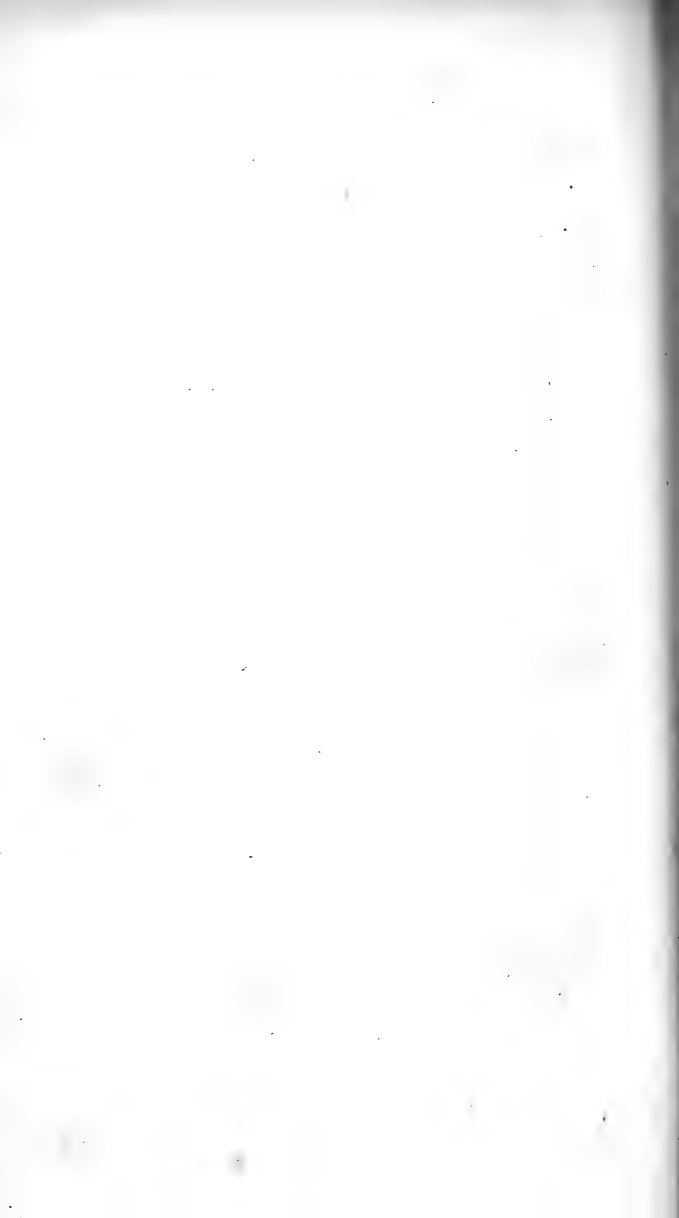
A. Scott

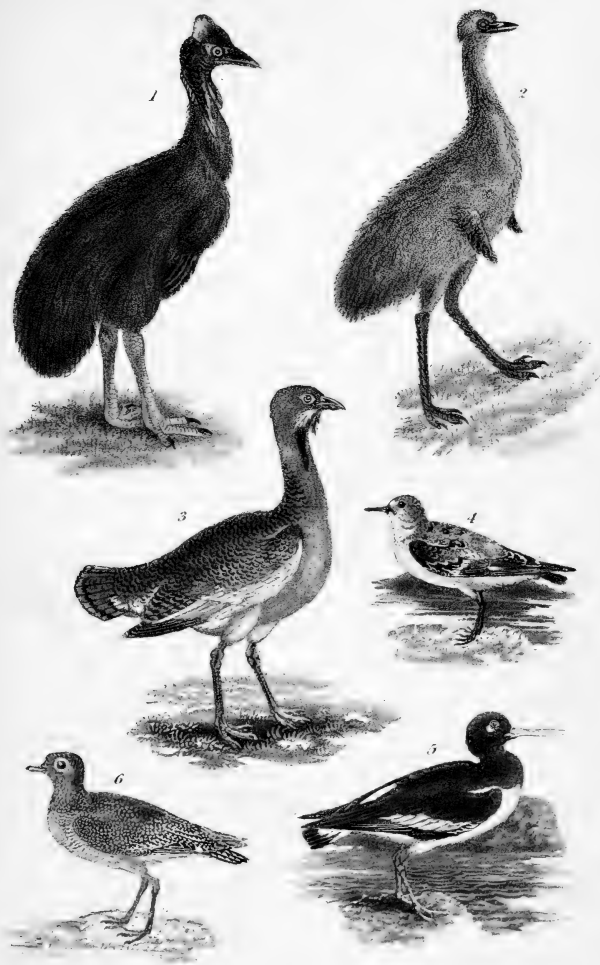
1 Pintado. 2 Crested Carassow. 3 Black Grouse. 4 White Grouse. 5 Partridge. 6 Californian Quail. 7 Ostrich.





1. *Tinamus sylvestris*. 2. *Andalusian Turnis*. 3. *Horned Screamer*. 4. *Coromandel Anasome*. 5. *American Rhea*. 6. *Blackwinged Longshanks*. 7. *Common Falcurella*. 8. *Scolopaceous Heron*.



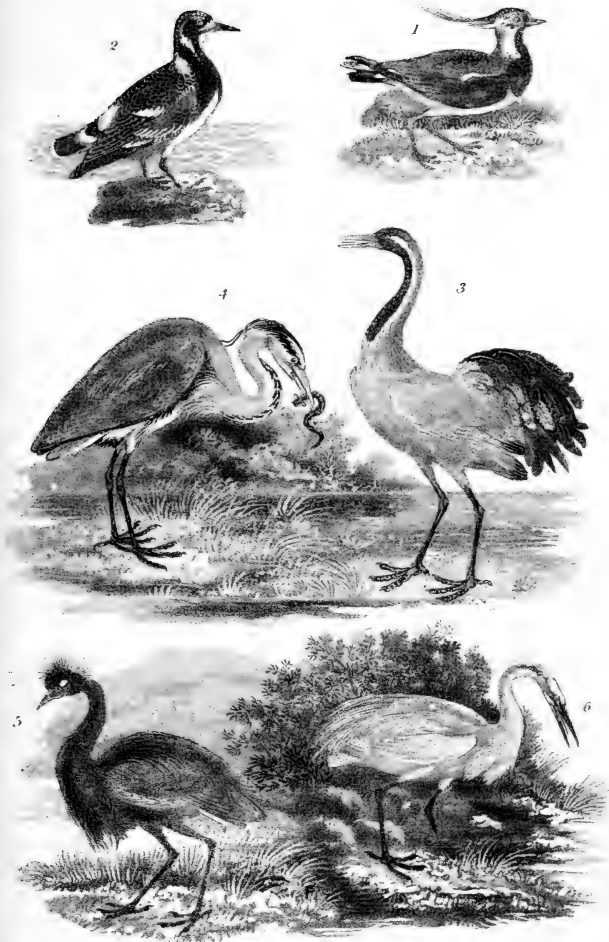


R. Scott

*1 Emu. 2 Cassowary. 3 Great Bustard. 4 Sanderling. 5 Oyster Catcher.
6 Golden Plover*

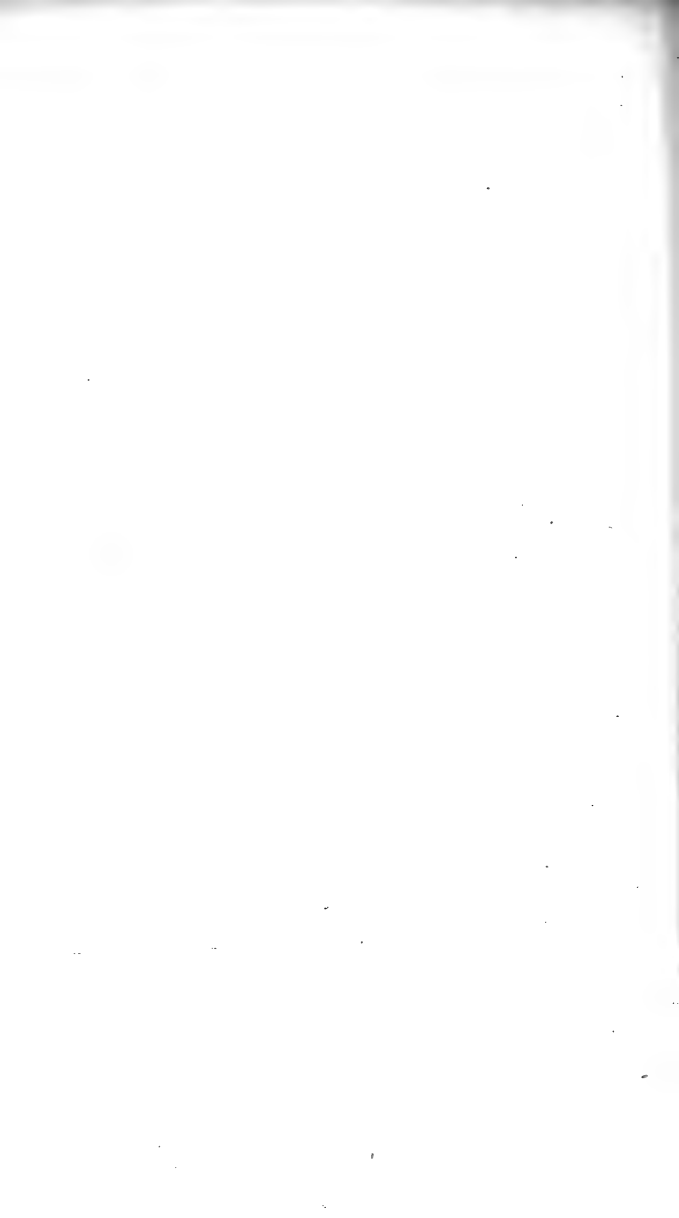
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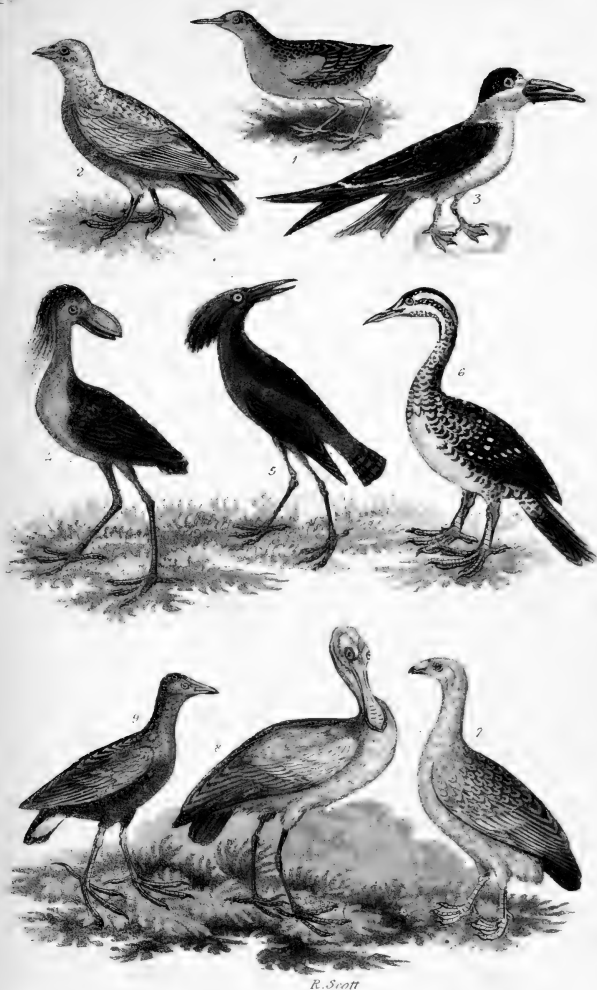




R. Scott

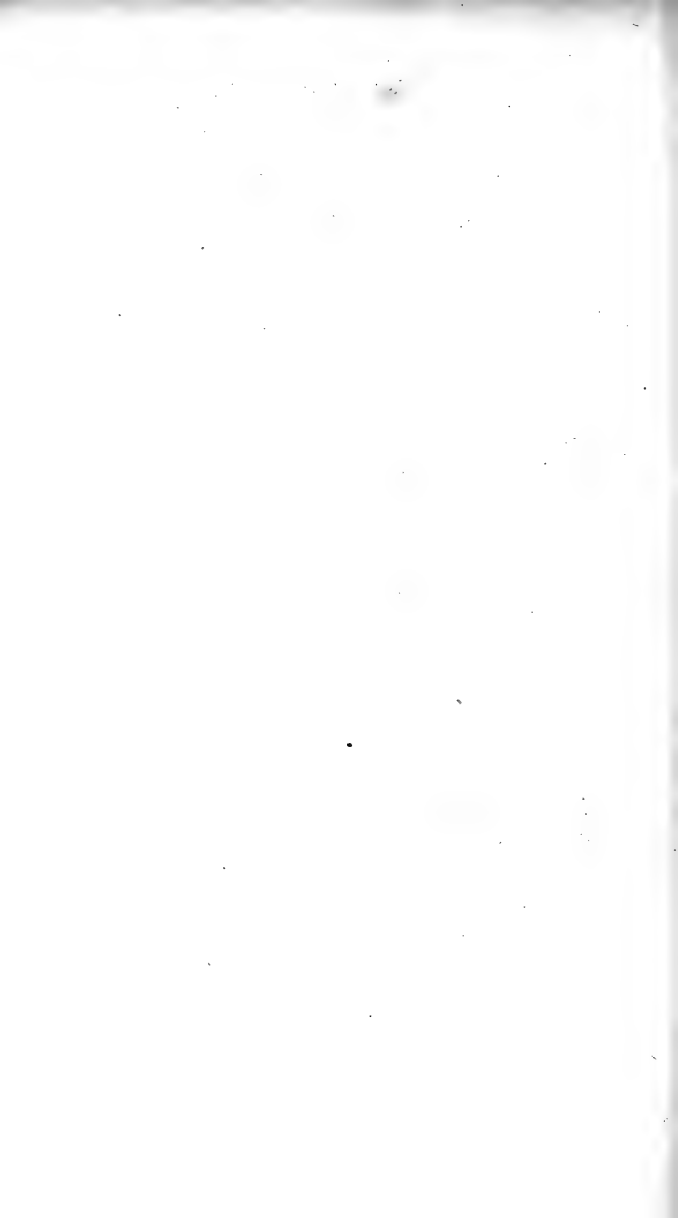
1 Lapwing. 2 Turnstone. 3 Crane. 4 Heron. 5 Crowned Crane. 6 Egret.

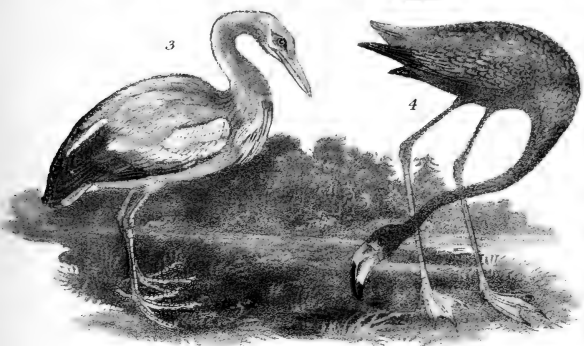
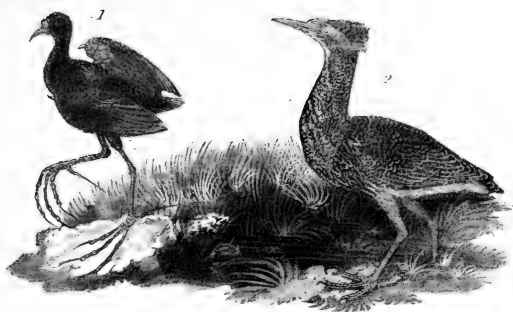




R. Scott

1 Water Rail. 2 White Sheathbill. 3 Yellow Billed Rhinoceros. 4 Crested Booby.
 Bill. 5 Tufted Umbrell. 6 African Podiceps. 7 New Holland Ceryle. 8 White
 Spoon Bill. 9 Porphyrio Tawoua.

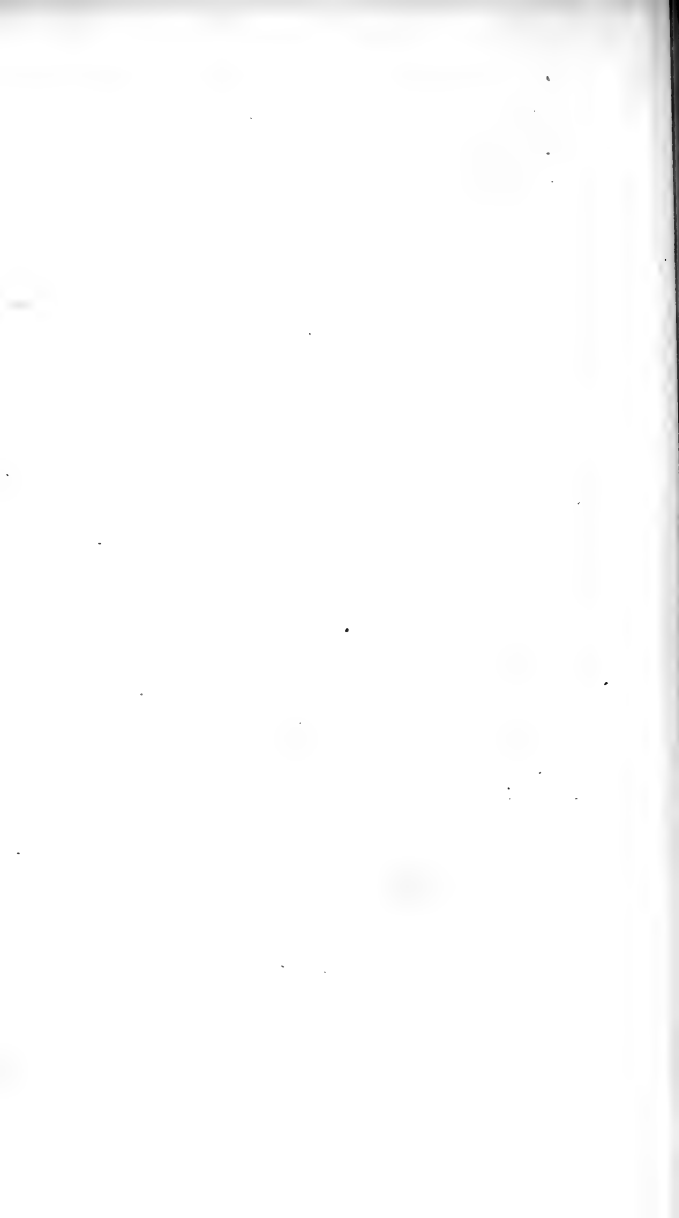




R. Scott

1 Jacana. 2 Bittern. 3 Stork. 4 Flamingo. 5 Avocet.
6 Spoonbill.

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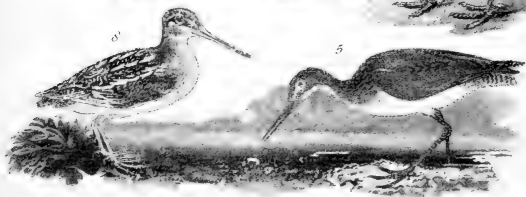
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4

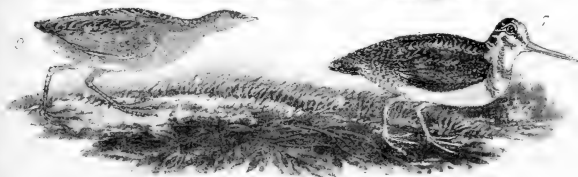


6



8

5



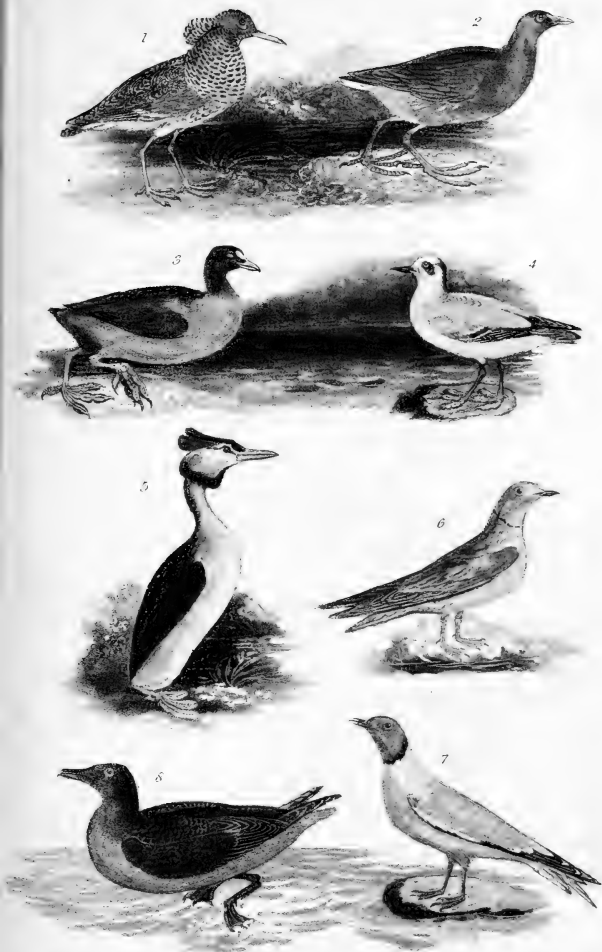
4

7

1 Giant Crane. 2 Sacred Ibis. 3 Curlew. 4 Sandpiper. 5 Greenshank.
6 Red Godwit. 7 Woodcock. 8 Common Snipe. 9 Landrail.

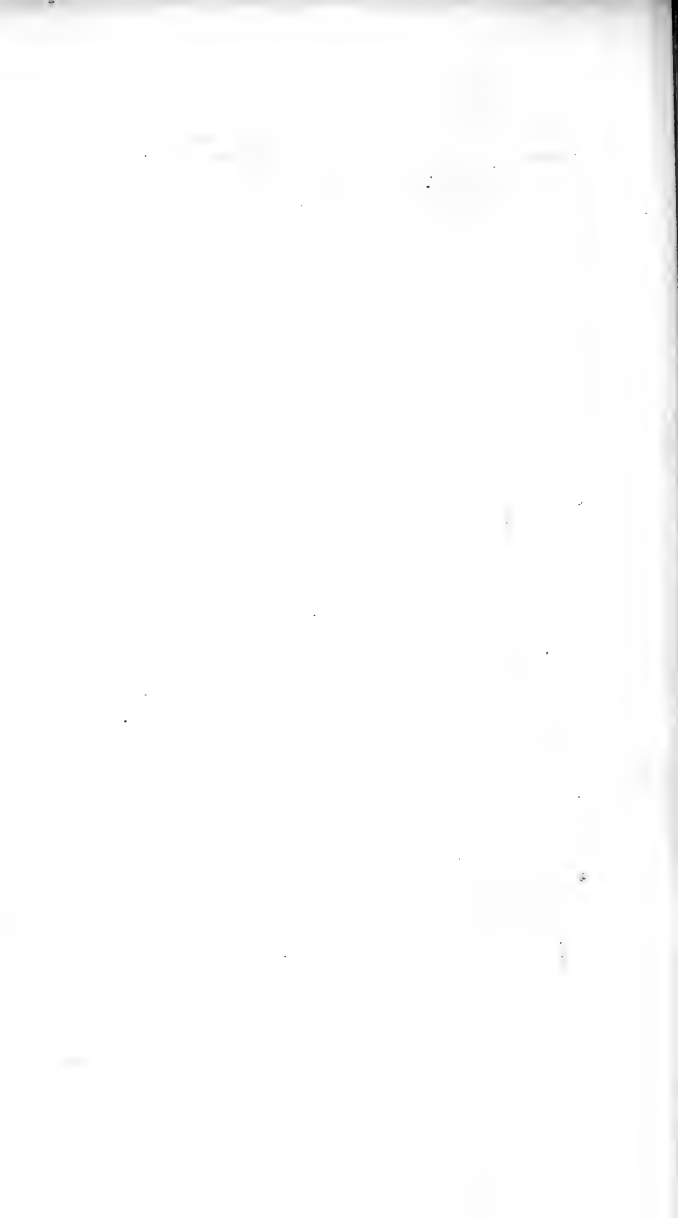
Published by Archr. Fullarton & Co Glasgow.

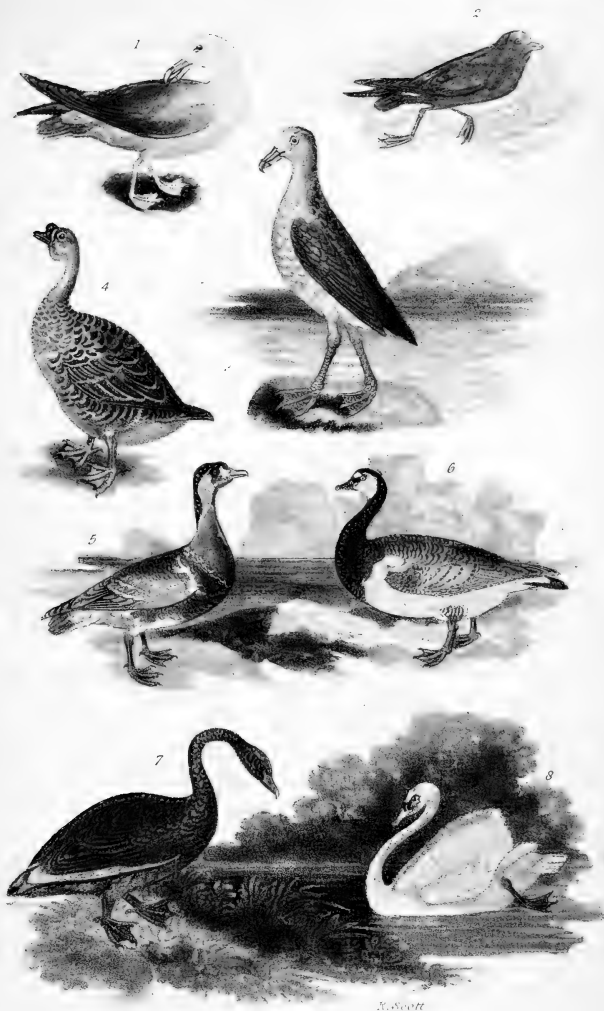




R Scott

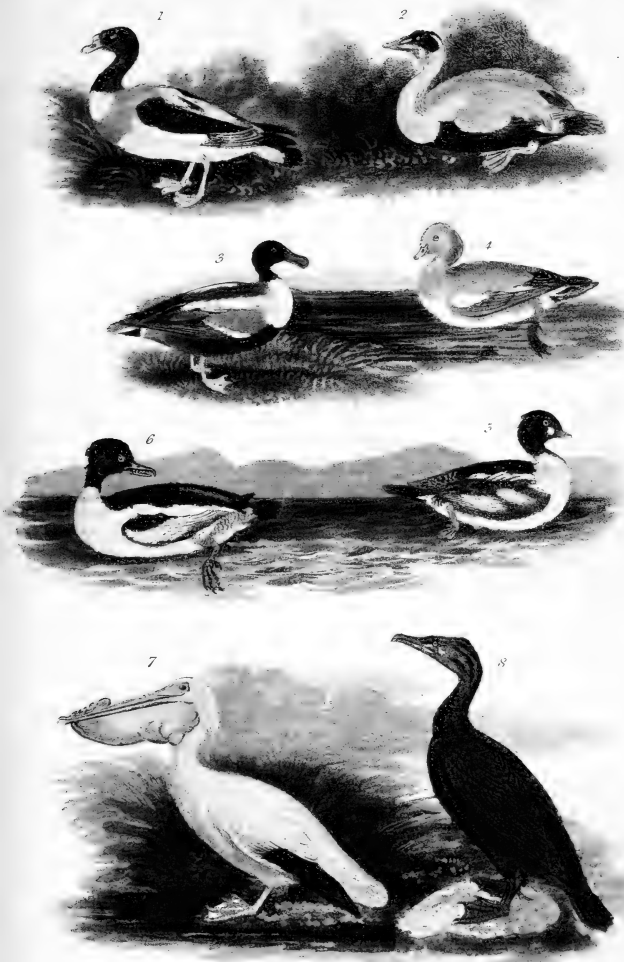
1 Ruff. 2 Water Hen. 3 Coot. 4 Grey Phalarope. 5 Great Crested Grebe.
6 Rosiate Tern. 7 Sabine's Gull. 8 Squa Gull





1 Fulmar. 2 Stormy Petrel. 3 Wandering Albatross. 4 Chinese Goose.
5 Red Breasted D'ni Barnacle D'. 7 Black Swan. 8 Tame D'.

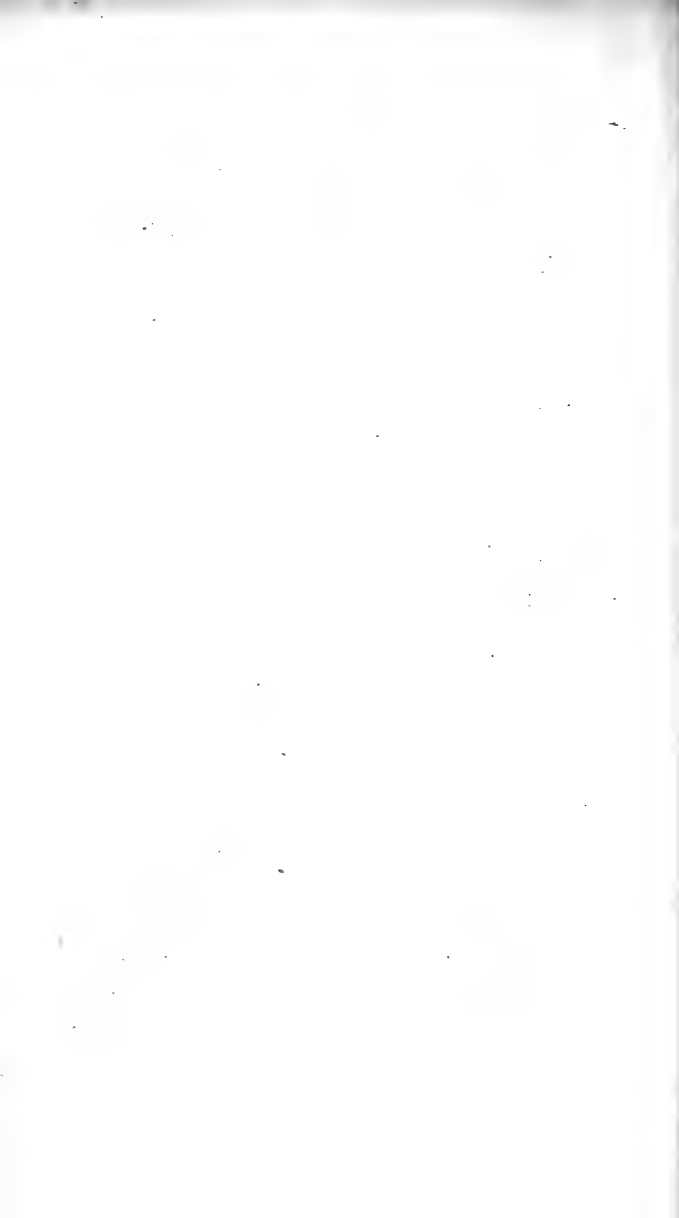


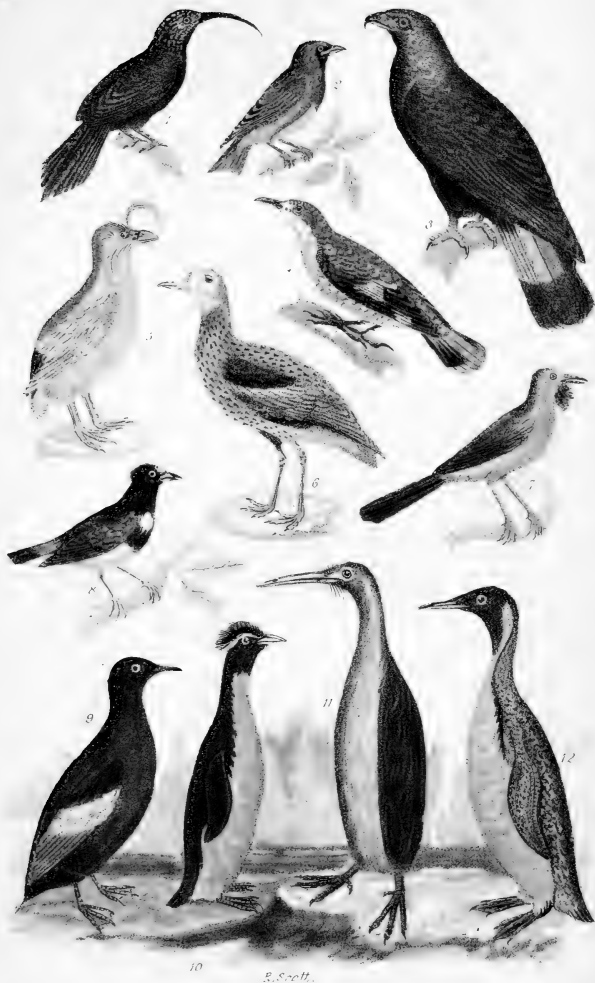


R. Scott

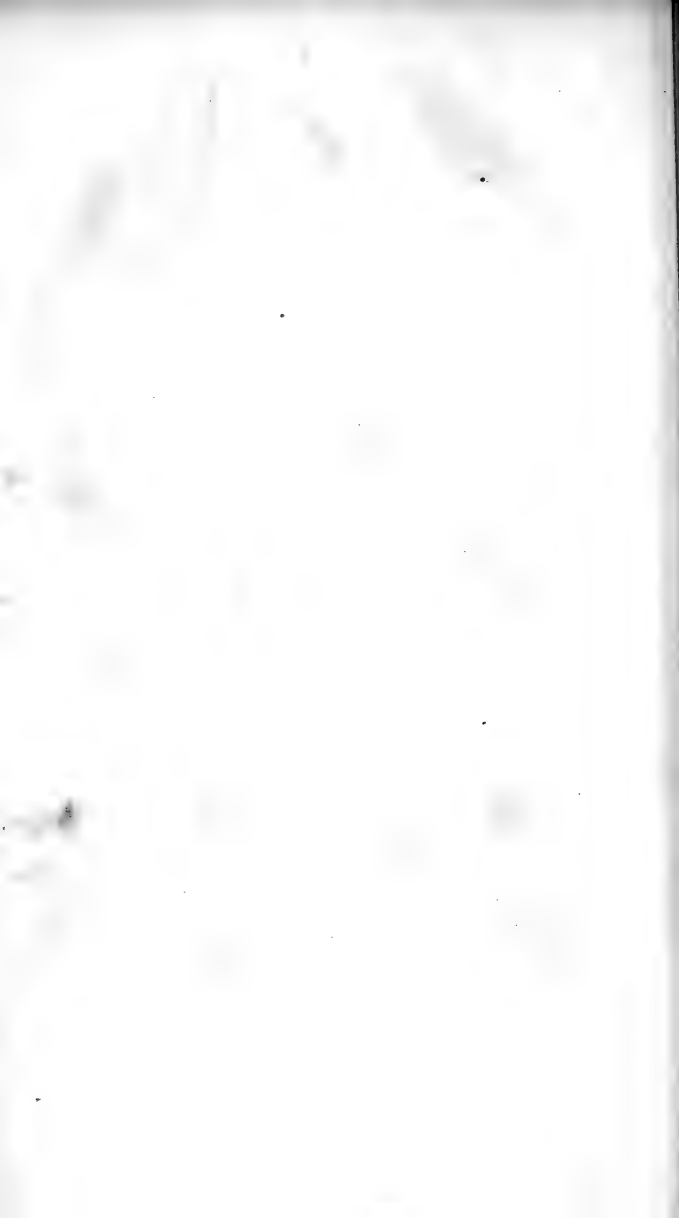
1 Sheldrake. 2 Eider Duck. 3 Shoveler. 4 Wigeon. 5 Golden Eye.
6 Goshawk. 7 Pelican. 8 Cormorant.

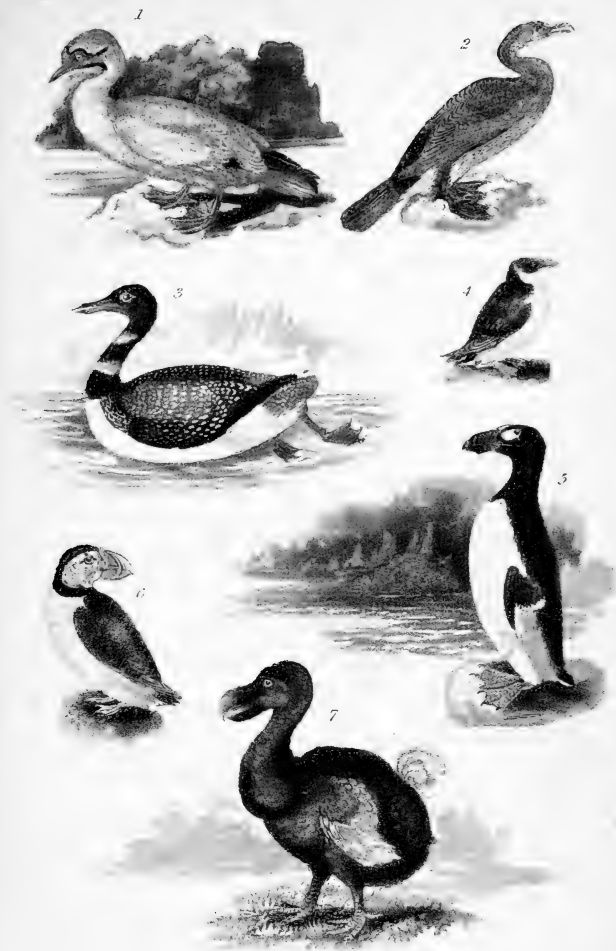
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1 Very Crooked *Dendrocolaptes*. 2 Blue Berry Eater. 3 Hooked Eagle. 4 Climbing
Climacteris. 5 Crested Starki. 6 Common Thick Knee. 7 Bearded. *Trichophorus*.
 8 White fronted *Manakin*. 9 White Winged Gullimot. 10 Hopping Gorfou. 11 Southern
Aptenyx. 12 Patagonian Penguin



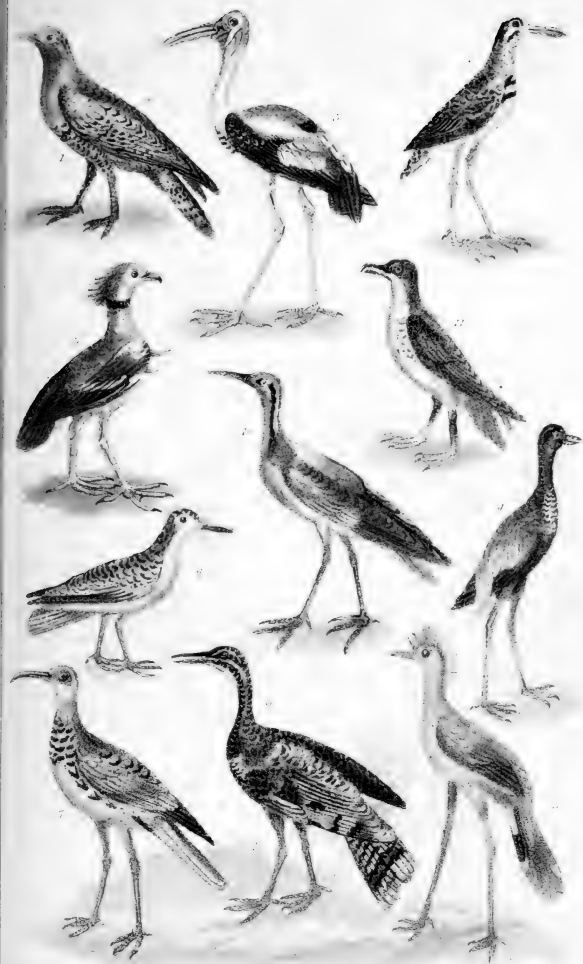


R. Scott

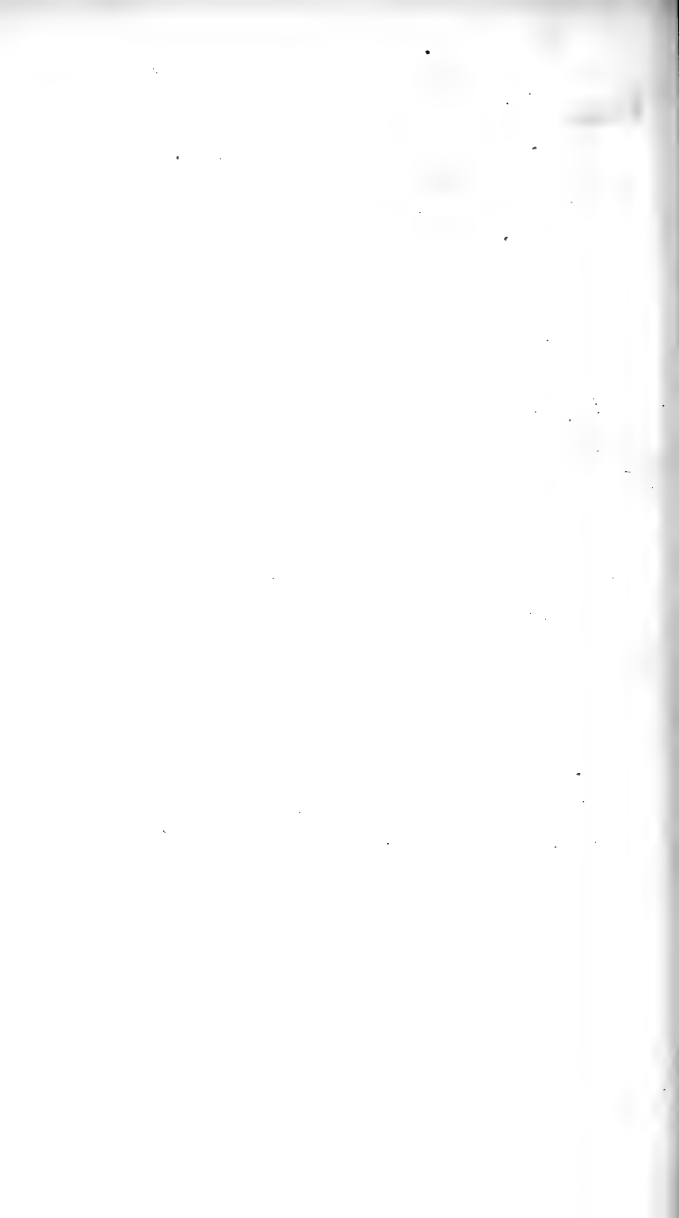
1 Solan Goose. 2 Shag. 3 Great Northern Diver. 4 Little Auk.
5 Great Auk. 6 Puffin 7 Dodo.

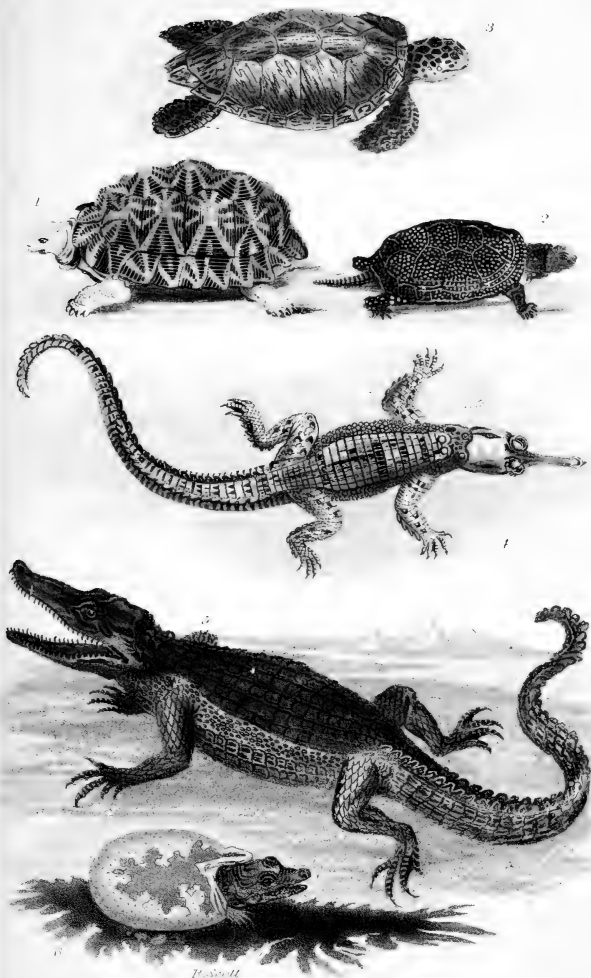
Published by Arch^d Fullarton & Co Glasgow.



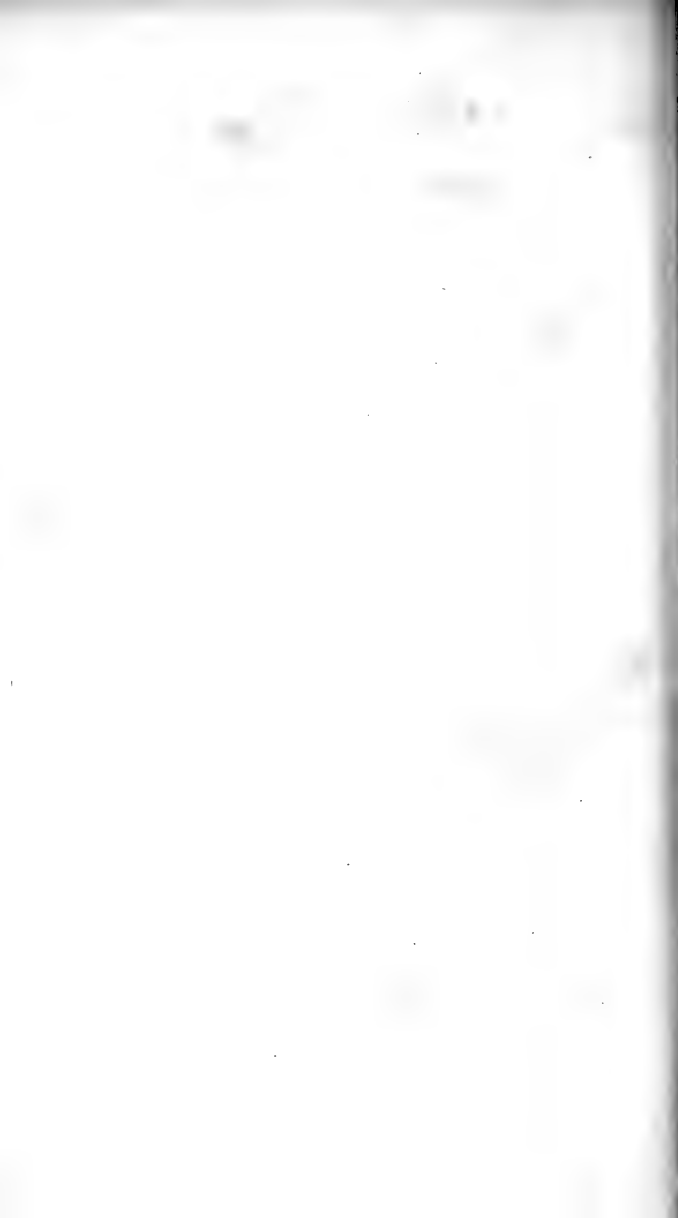


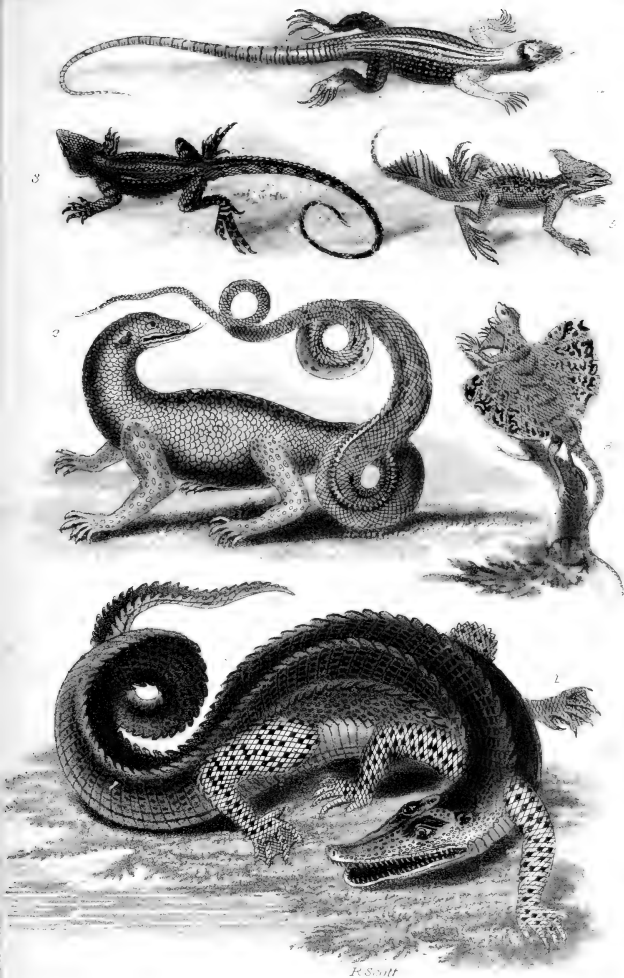
Double-collared Tropicbird. 2 Crested Dicholophus. 3 Faithful Jacana. 4 Golden-breasted Tropicbird. 5 White-headed Tantalus. 6 Red Knot. 7 Red-lobed-foot. 8 Cape Snipe. 9 Variegated Tropicbird. 10 Red Phalarope. 11 Dusky Petrel.



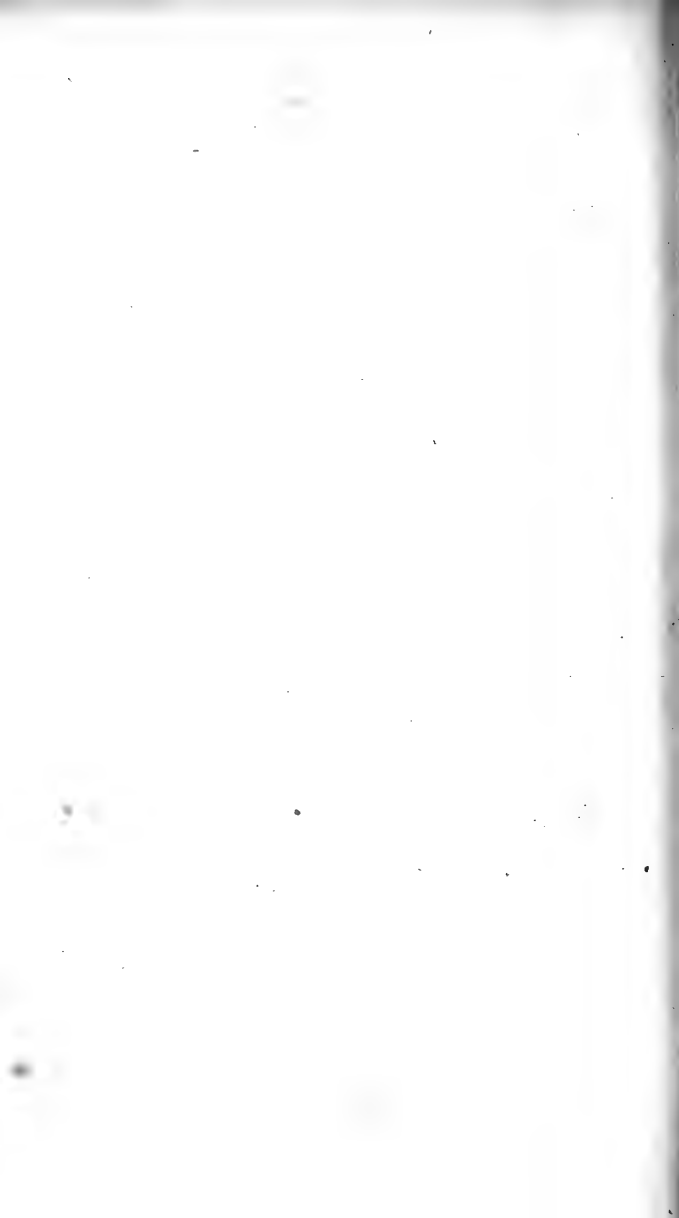


1 Geometrical Tortoise. 2 Speckled D^r. 3 Green Turtle. 4 Ganges Crocodile. 5 Common
6 Crocodiles Egg





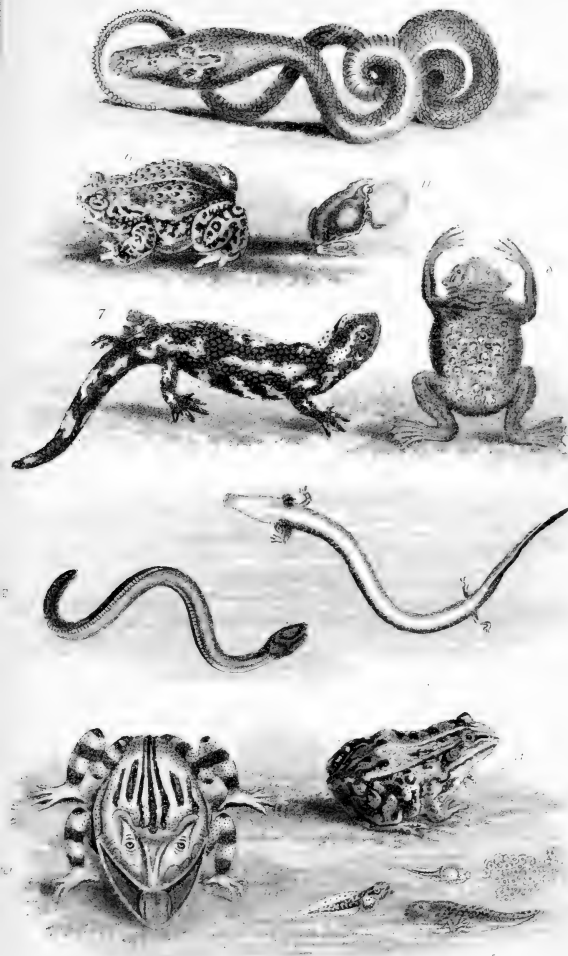
1. Alligator. 2. Dracoenia. Lizard. 3. Muricated. D. 4. Striped Ameiva. 5. Basilisk. 6. Flying
lizard.





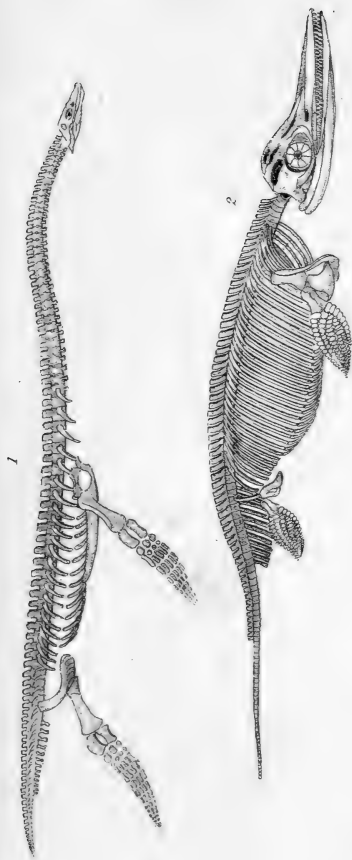
1 Scaly Tailed Gecko, 2 Common Chameleon, 3 Common Skink, 4 Blind Worm,
5 Eel Shaped Siren, 6 Great Boa, 7 Banded Rattle Snake.





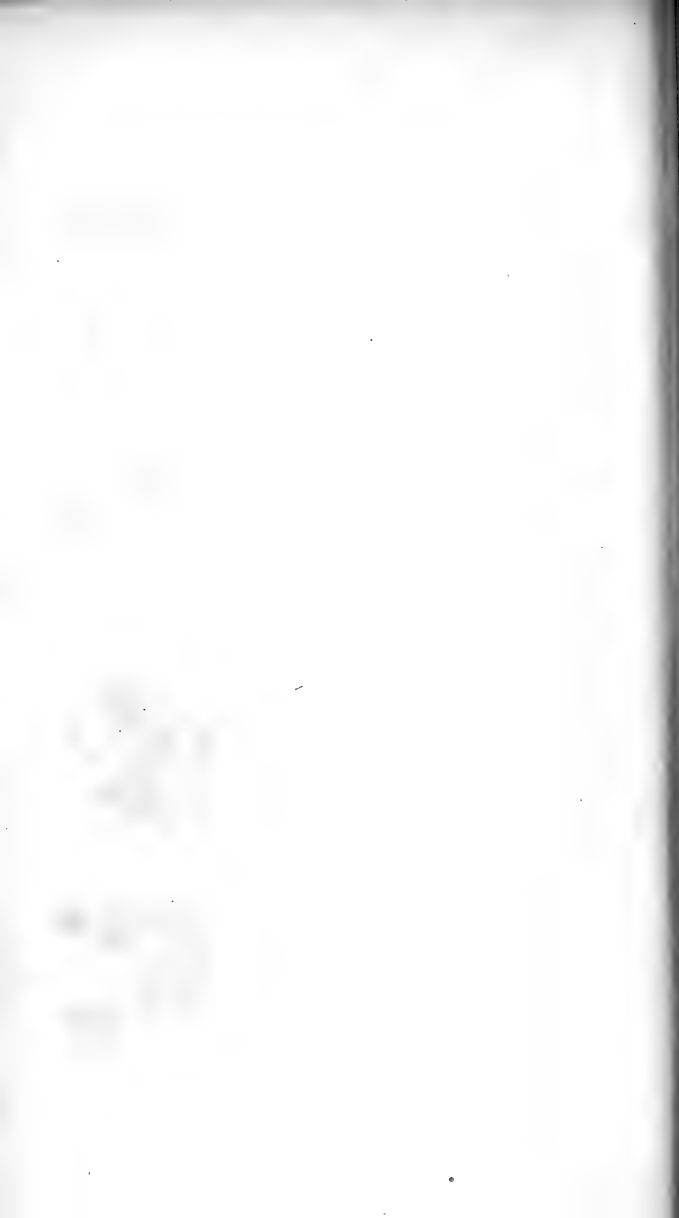
1 Spectacle Snake 2 Eel shaped Cæcilia. 3 Green Frog. 4 Eggs. 5 Tadpoles.
6 Mophic Toad. 7 Salamander. 8 Surinam Kiba. 9 Water Proteus. 10 Horned
Toad. 11 Tree Frog.

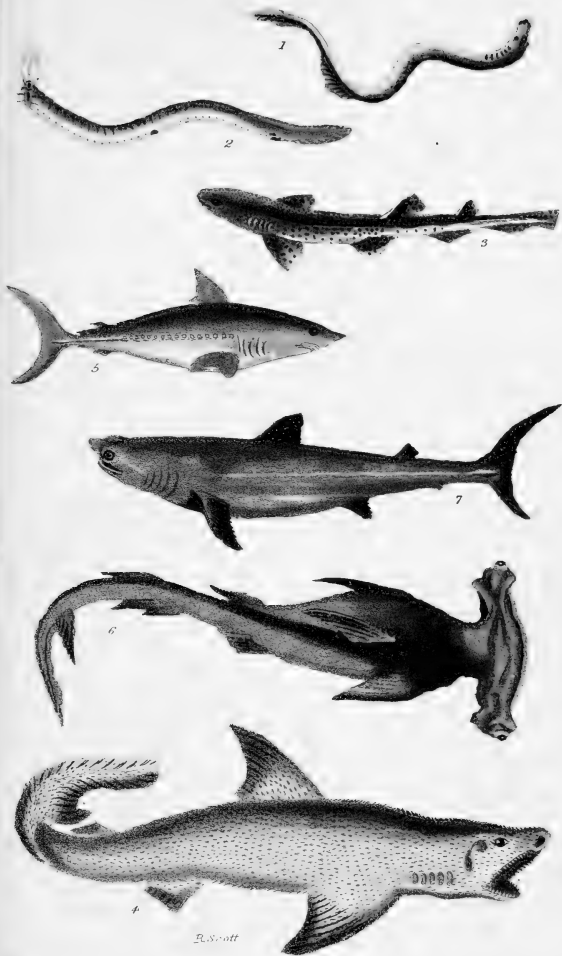




Ichthyosaurus. 3. Molar tooth of *Wolff*. 4. *Wolff*. 5. *Wolff*. 6. *Wolff*. 7. *Wolff*.

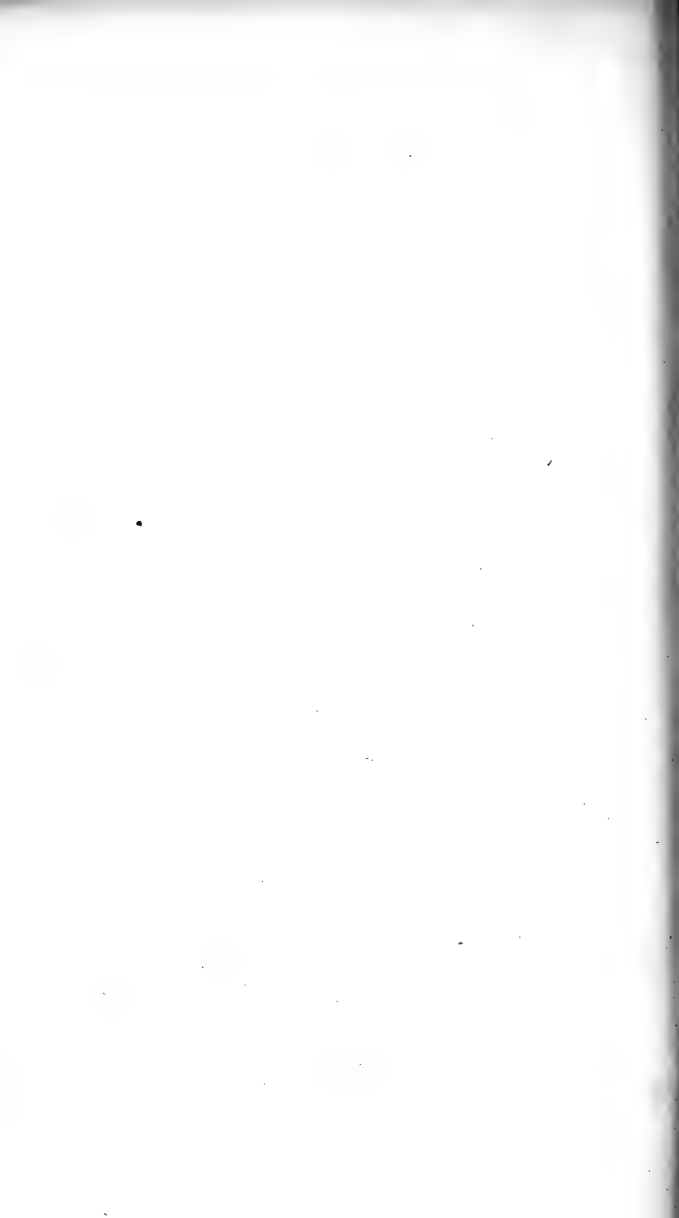
Published by Archd. Fullerton & Co. Glasgow

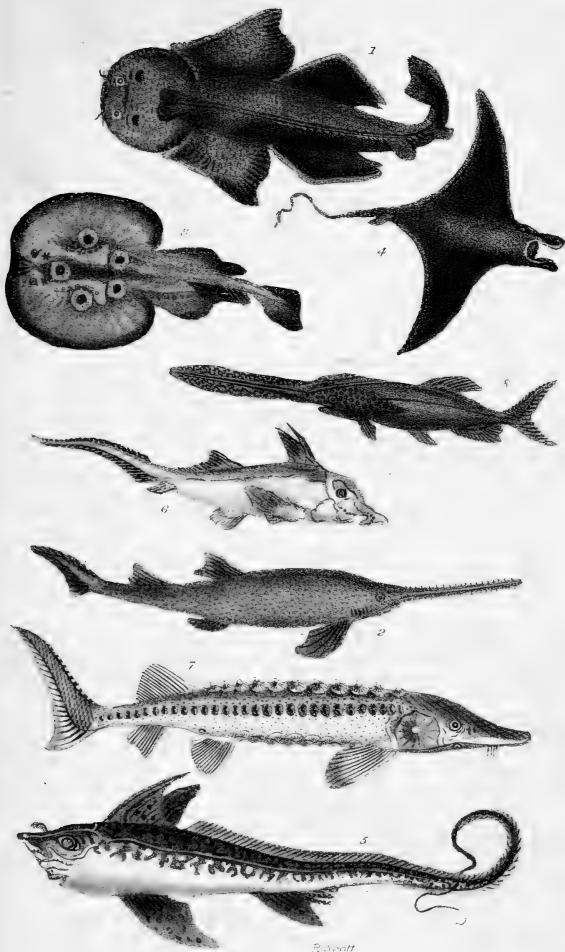




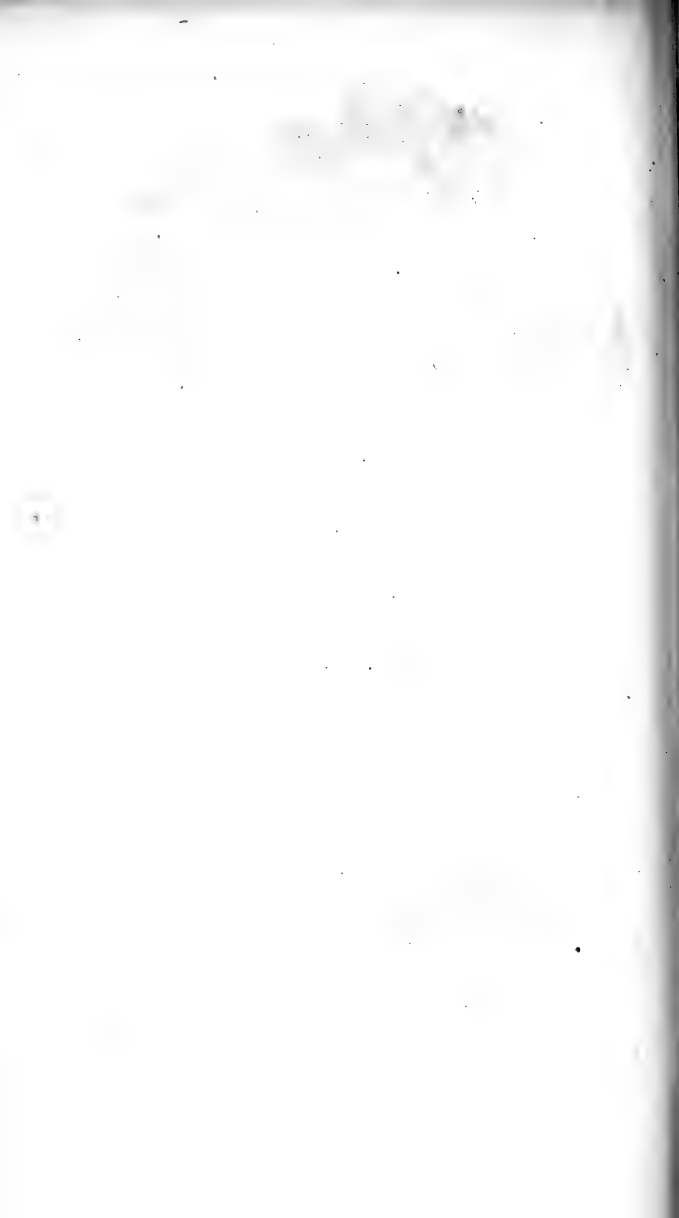
R. Scott

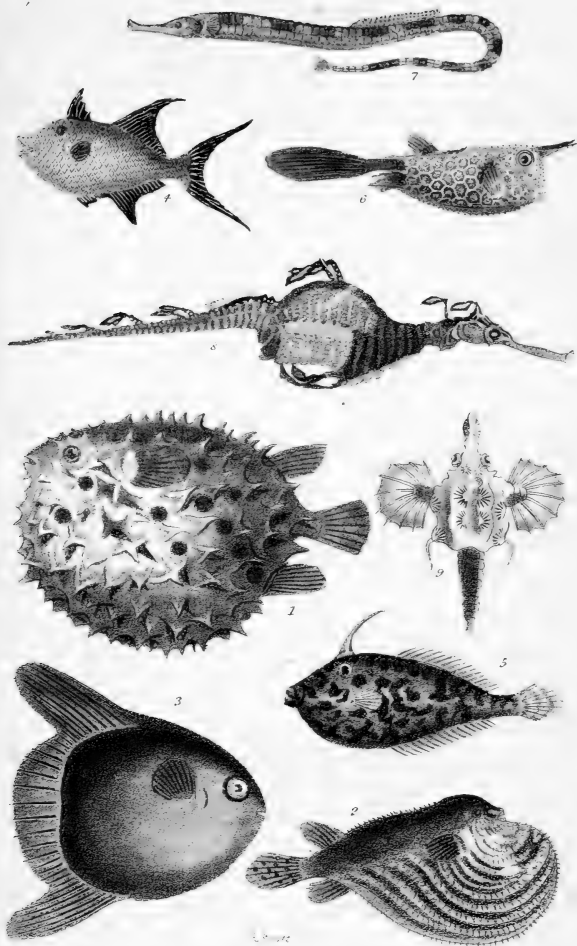
1 Lesser Lamprey 2 Glutinous Hag. 3 Lesser Spotted Shark 4 White D^o 5 Porbeagle D^o 6 Hammer Headed D^o 7 Basking D^o



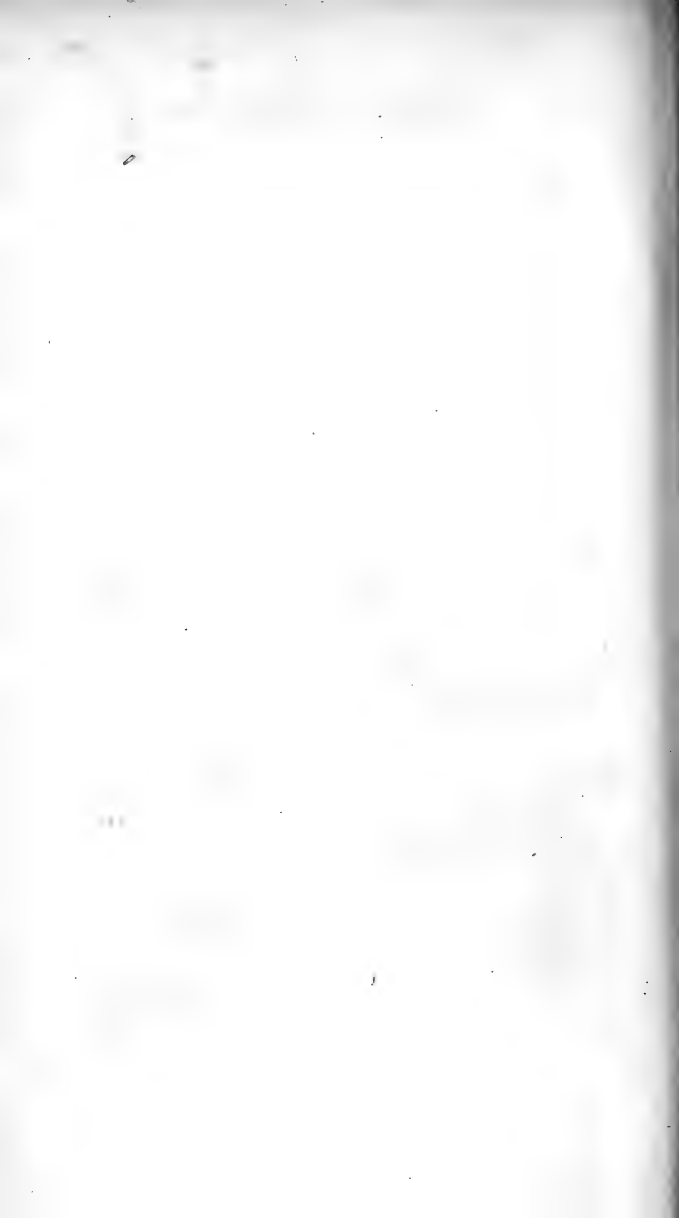


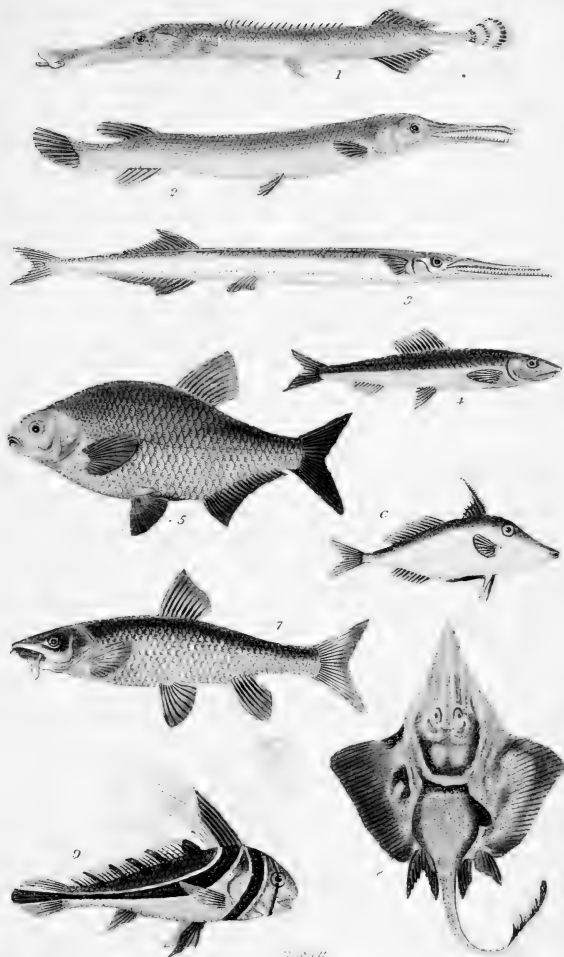
1 Angel Fish. 2 Saw Fish. 3 Torpedo. 4 Dæmon Ray. 5 Northern Chimæra.
6 Southern D. 7 Sturgeon & Reticulated Spatularia.



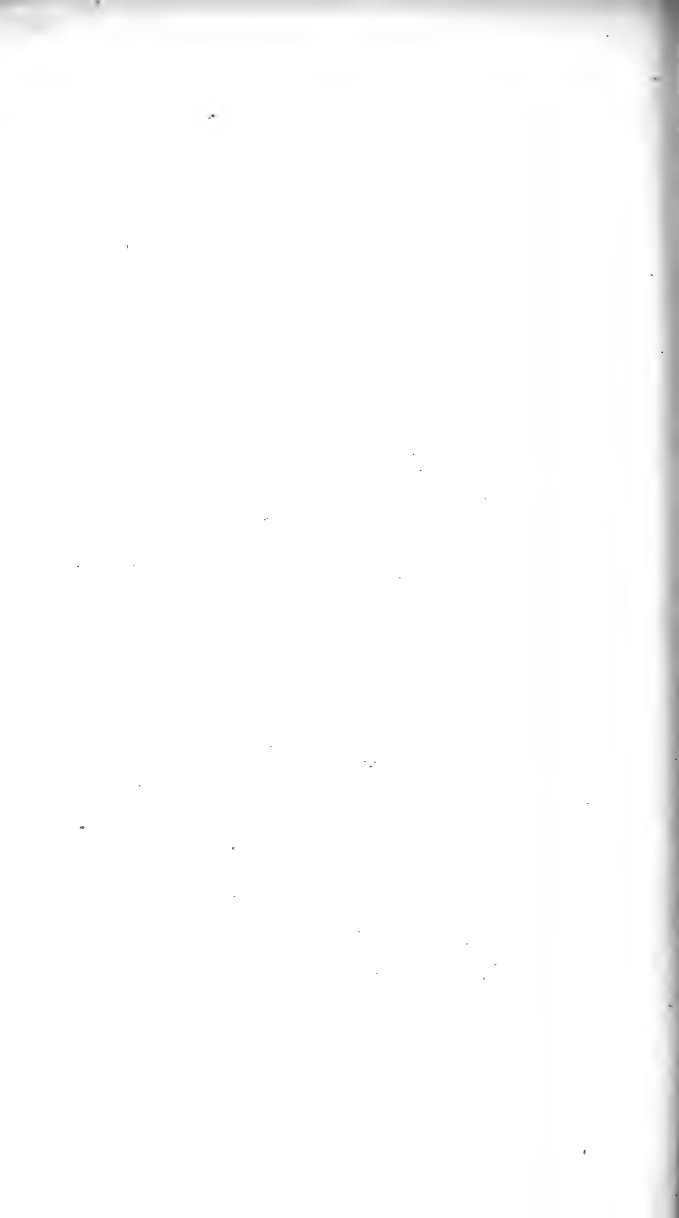


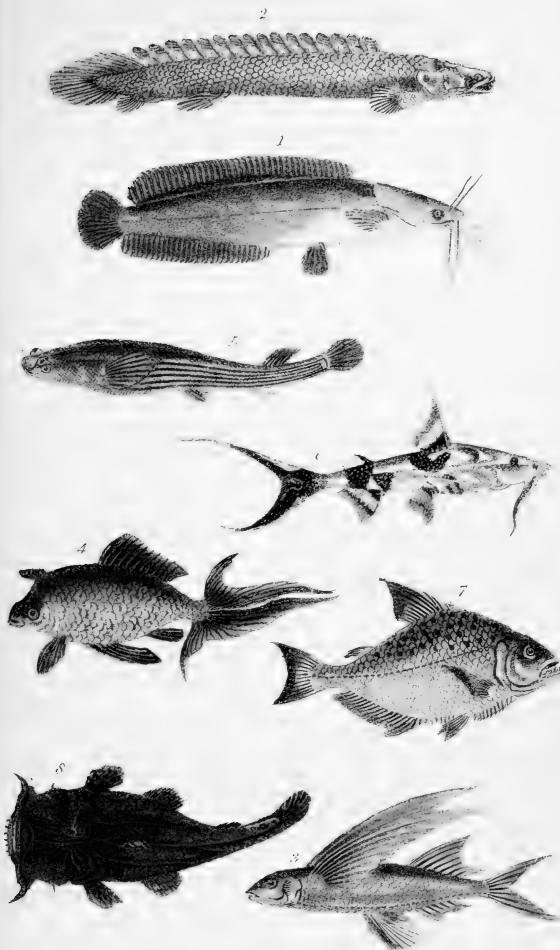
1 Round Diodon 2 Lineated Tetradon. 3 Short Sun Fish 4 Old Wife or File D^o 5 Unicorn D^o 6 Horned Trunk D^o 7 Great Pipe D^o 8 Australian Pipe D^o 9 Dragon Pegasus.



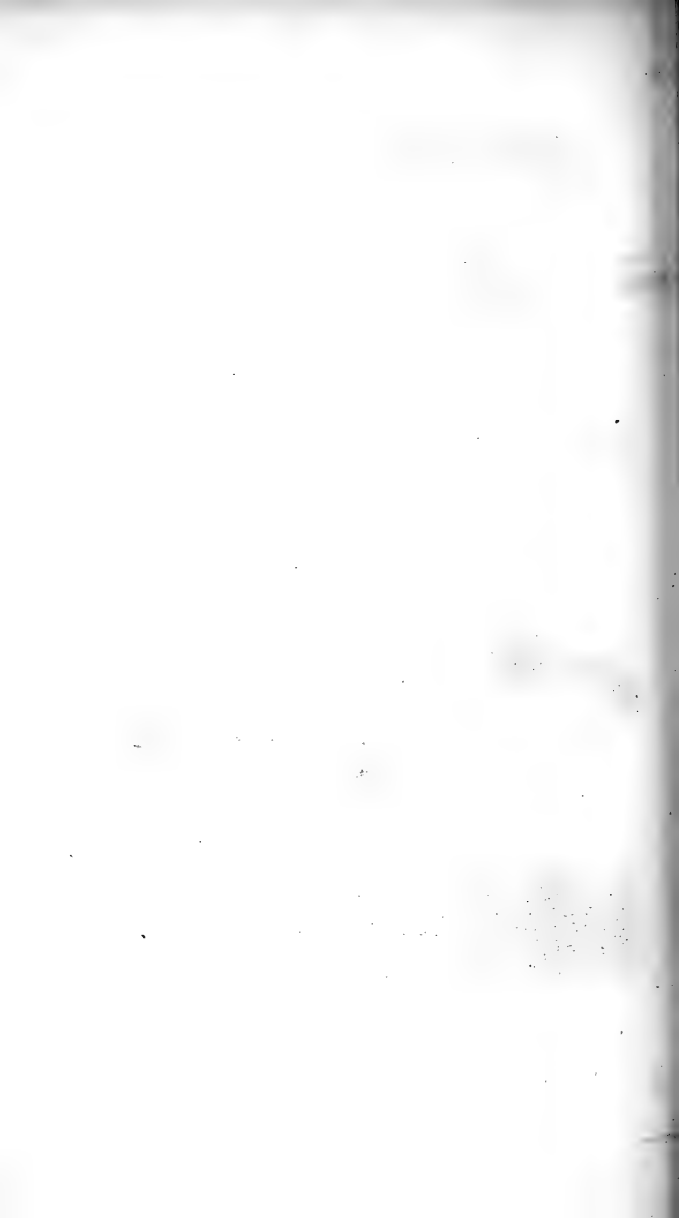


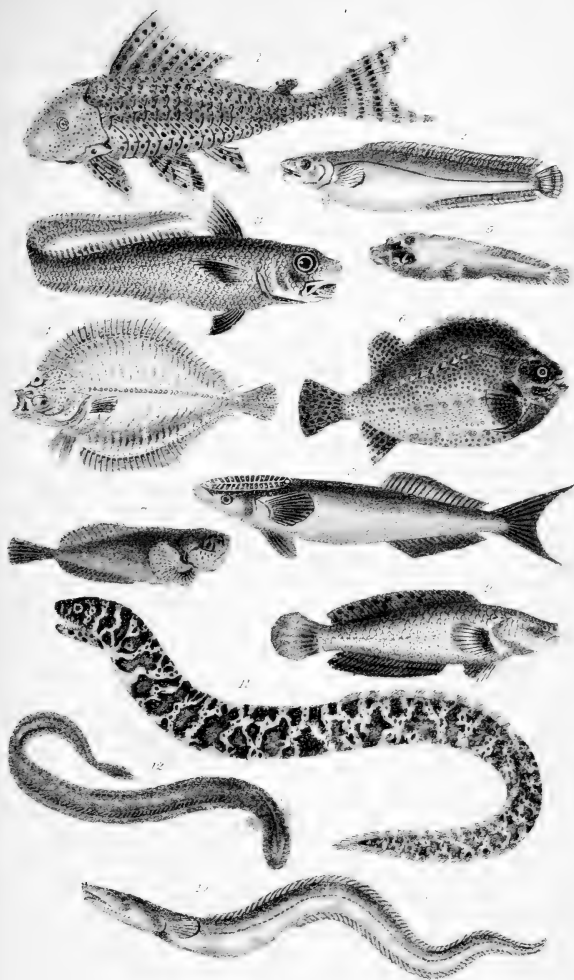
1 Chinese Tobacco Pipe Fish. 2 Chinese Gar Fish. 3 Sea Pike. 4 Anchovy. 5 Bream.
6 Two Spined File Fish. 7 Barbel. 8 Sharp Nosed Ray. 9 American Knight Fish.



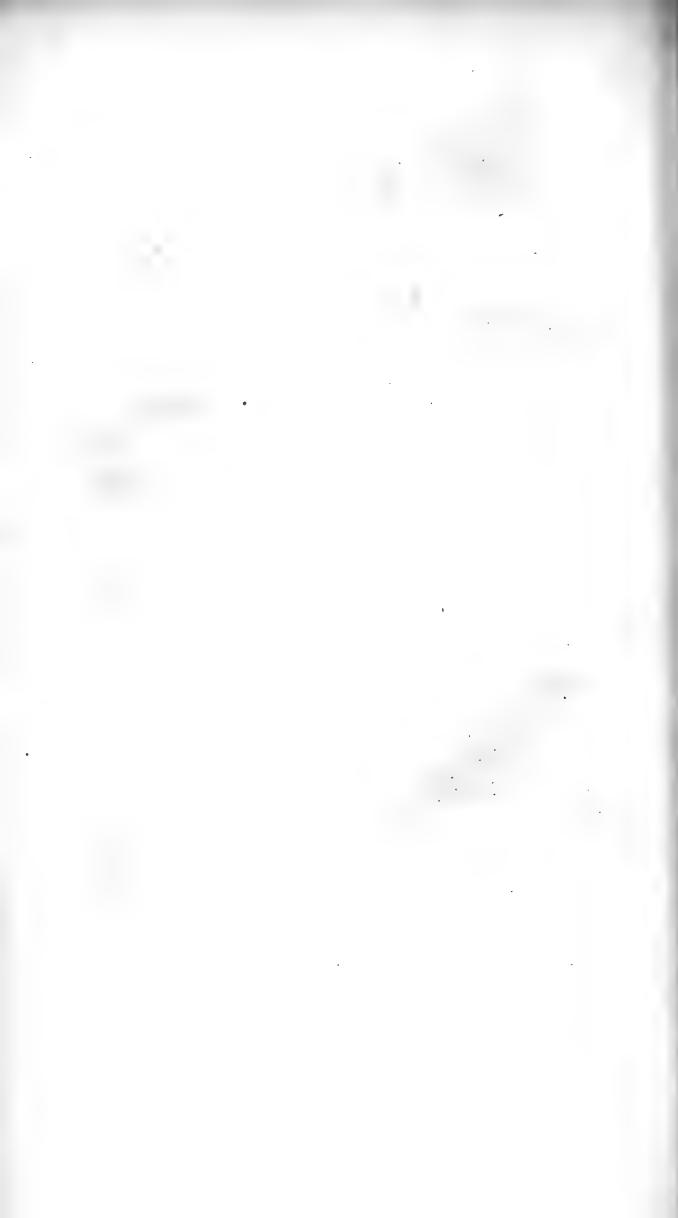


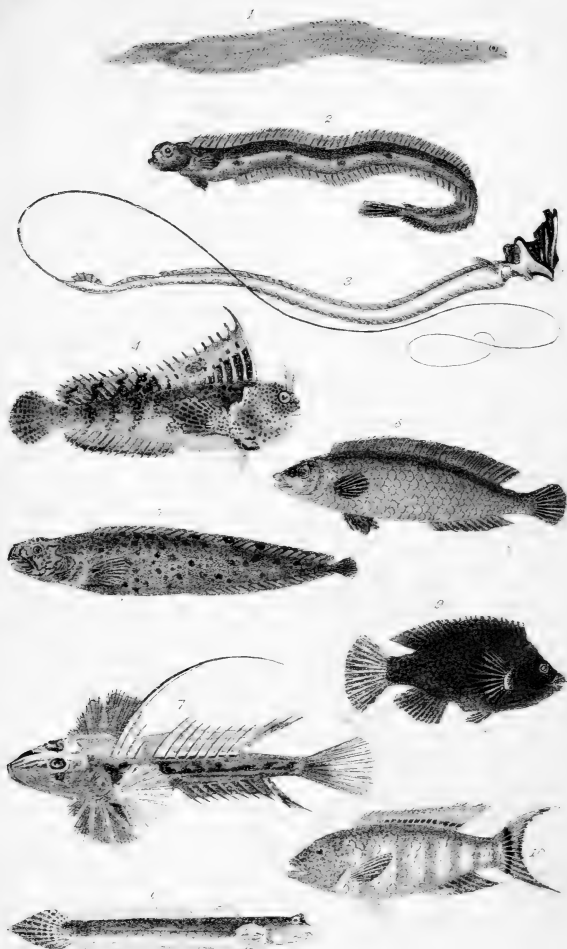
1 *Macropteronotus*. 2 *Nilotic Polypterus*. 3 *Flying Fish*. 4 *Golden Carp*. 5 *Four Eyed Anableps*. 6 *Pimelodus Bagarius*. 7 *Rhombar Salmon*. 8 *Platystacus Chaca*





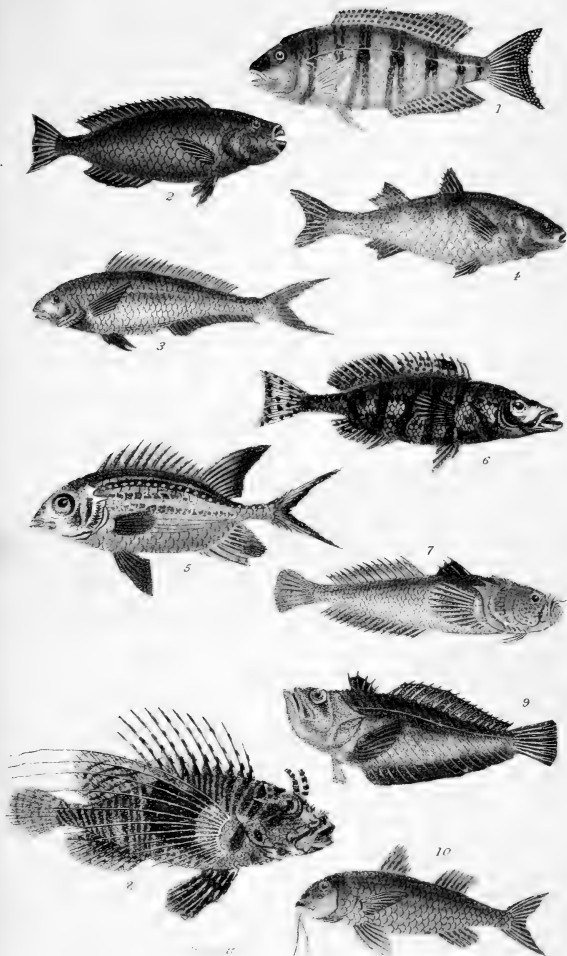
1 Yellow Loricaria 2 Piranha 3 Long Tailed Monnset 4 Flesh Coloured Pike 5 Spot Sucker 6 Lump Sucker 7 Diminutive Lump Sucker 8 Rainora 9 Punctate Ophicephalus 10 Congor Eel 11 Chain Striped Murena 12 Electrical Eel



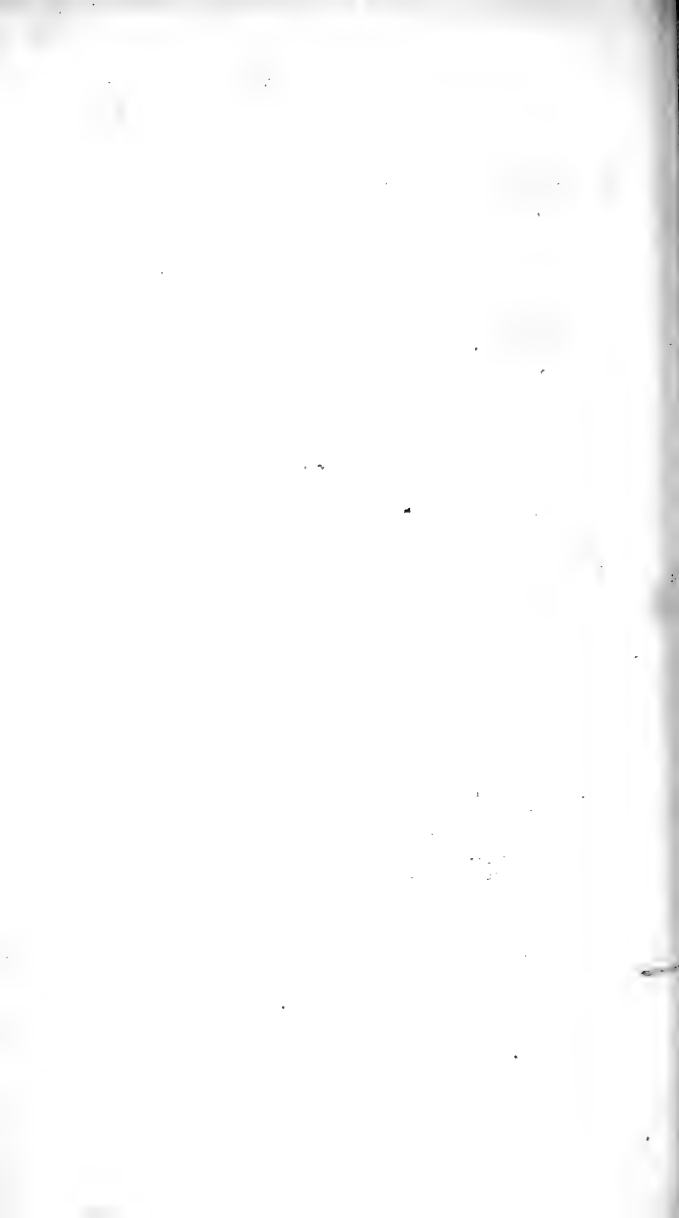


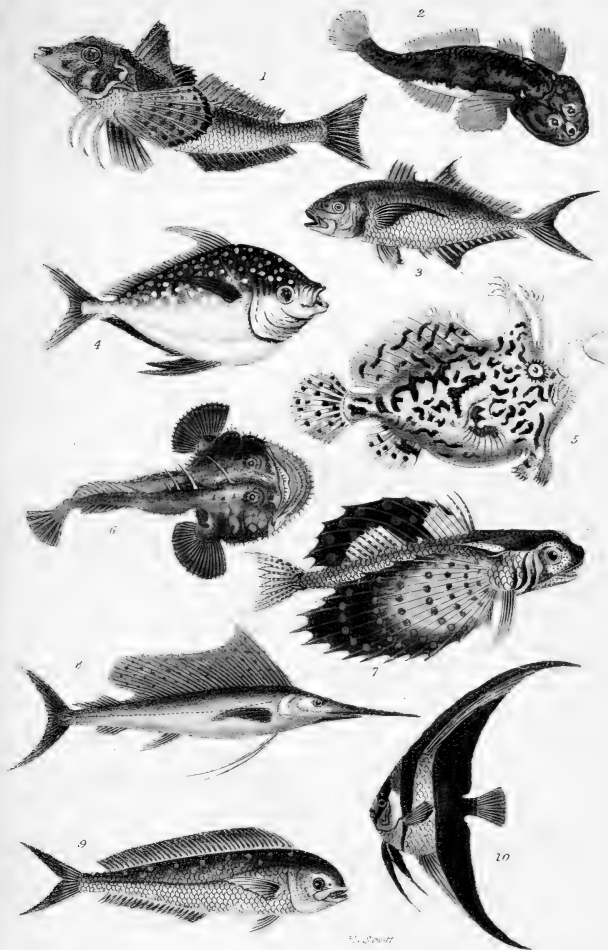
1 *Leptocottus armatus*. 2 *Band. Fish*. 3 *Chordated Stylophorus*. 4 *Ocellated Blenny*.
 5 *Wolf Fish*. 6 *Gobius Changua*. 7 *Gemmecus Dragonet*. 8 *Julis Microlepidotus*. 9 *Gib-
 bous Wrasse*. 10 *Banded Gilt Head*.



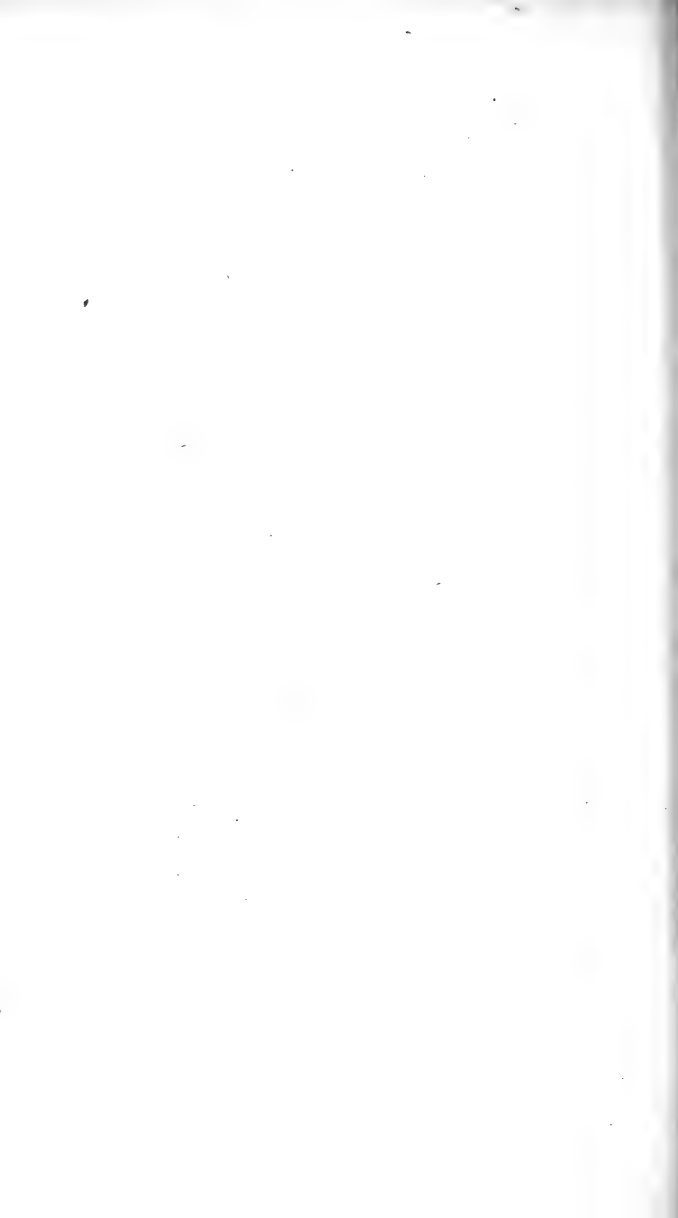


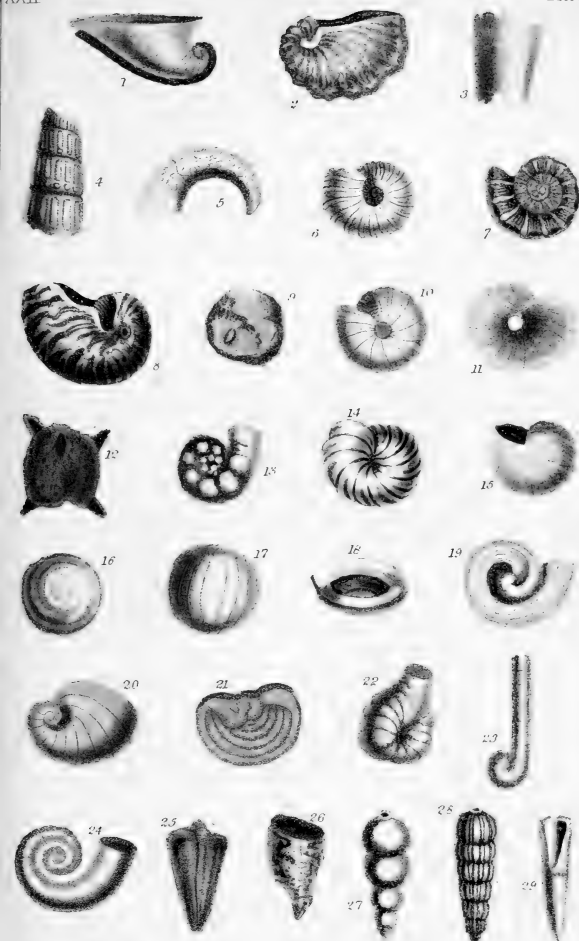
1. *Thalassoma* 2. *Gilt Head* 3. *Green Scarus* 4. *Gold Tailed Sparus* 5. *Twins* 6. *Sago*
Holocentrus 7. *Spotted* 8. *Holocentrus* 9. *Star Gazer* 10. *Antennated Scorpæna* 11. *Dra-*
con 12. *Scorpaenidae*



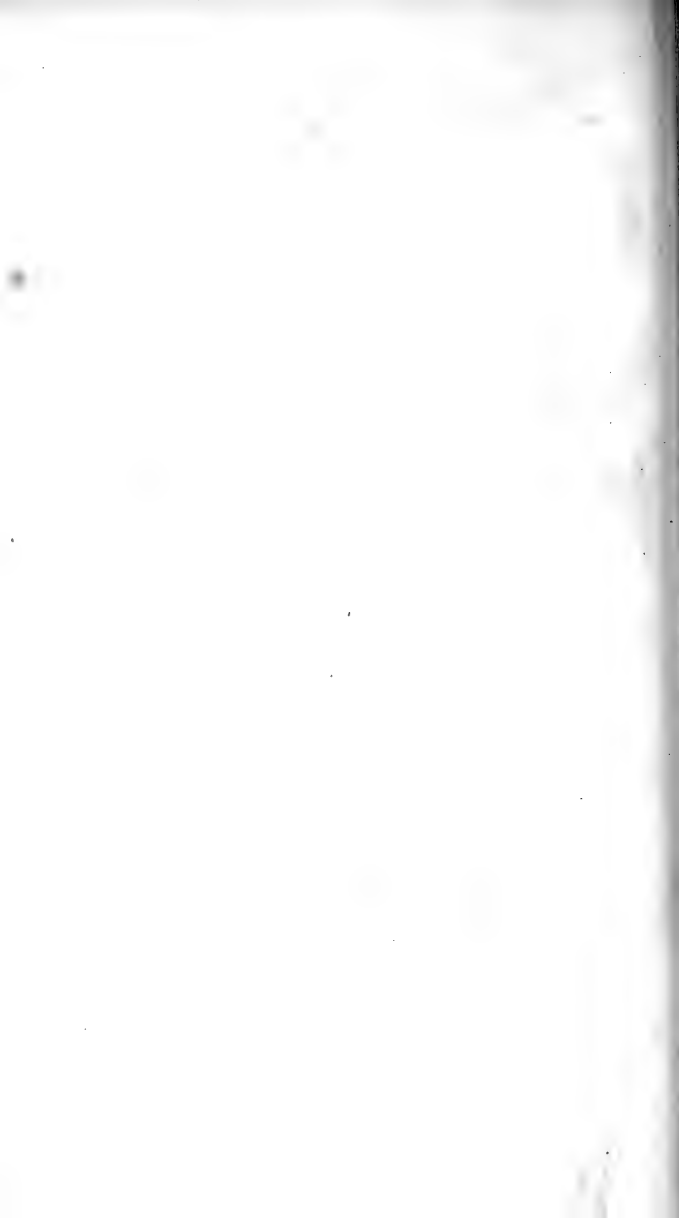


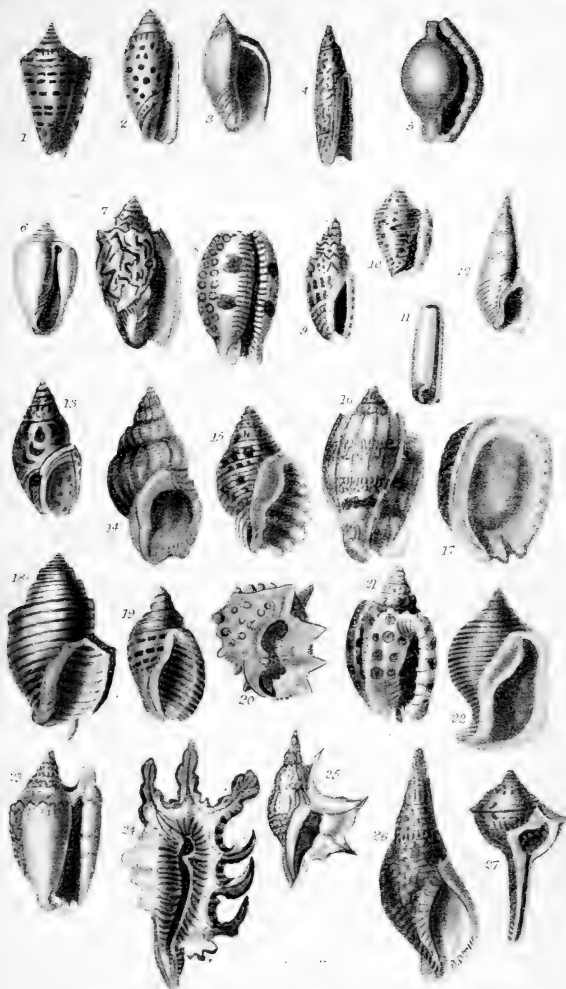
1 Swallow Gurnard. 2 River Bull Head. 3 Red Mackerel. 4 Opah Doru. 5 Hurlequin Angler. 6 Fishing Frog. 7 Flying Gurnard. 8 Common Sword Fish. 9 Common Coryphene. 10 Long Finned Chaetodon.





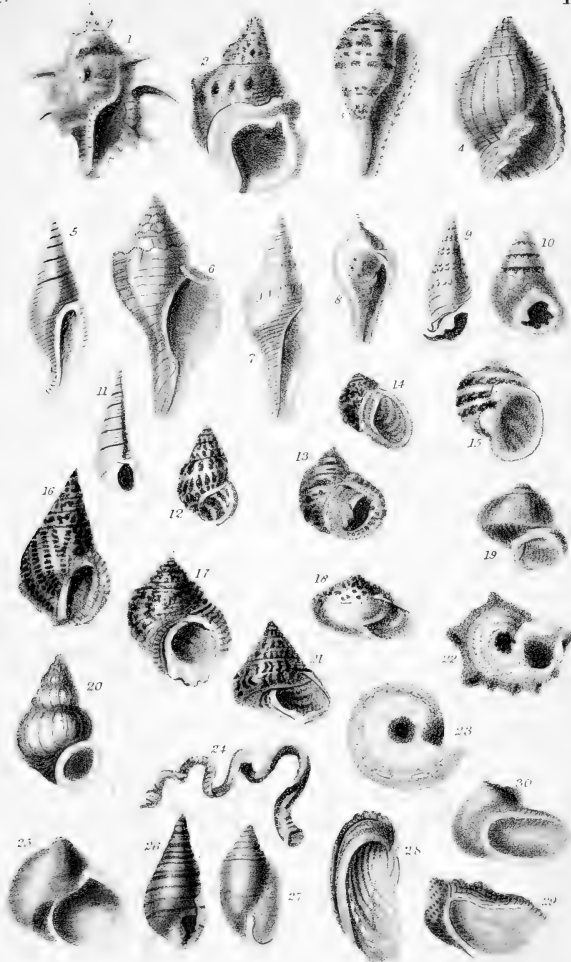
1 Fragile *Camaria*. 2 *Argus Argonauta*. 3 *Faujus's Baculites*. 4 Ribbed *Turritiles*.
 5 Glossy *Ammonolites*. 6 Striated *Orbulites*. 7 Armed *Ammonites*. 8 Umbilicated *Naut*
ilus. 9 Flat *Nommulites*. 10 Creased *Vorticifera*. 11 Wrinkled *Polystomella*. 12 Chalky *Sid*
erolites. 13 Vioicula *Discorbis*. 14 Star Shaped *Placentula*. 15 Rolled *Lenticulina*. 16
Grochus Shaped *Rotulites*. 17 Round *Mellionia*. 18 Oval *Miliola*. 19 One Soused *Orbi*
culina. 20 Scaled *Cristellaria*. 21 Lid Shaped *Renulina*. 22 *Nautilus* Shaped *Lituola*.
 23 Club Shaped *Spirolina*. 24 *Percus* *Spirula*. 25 Pyramidal *Coniulites*. 26 Bent *Hippuri*
tes. 27 Shining *Nodosaria*. 28 Reddish Root *Orthocera*. 29 Subconic *Belenulites*.



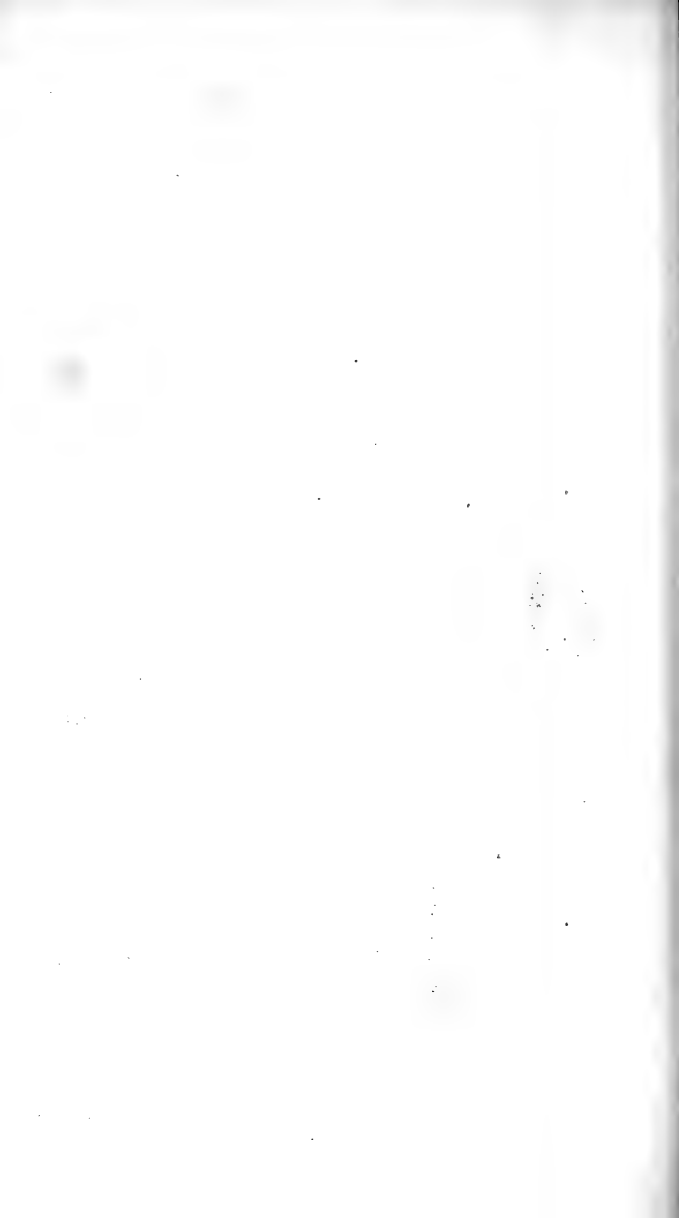


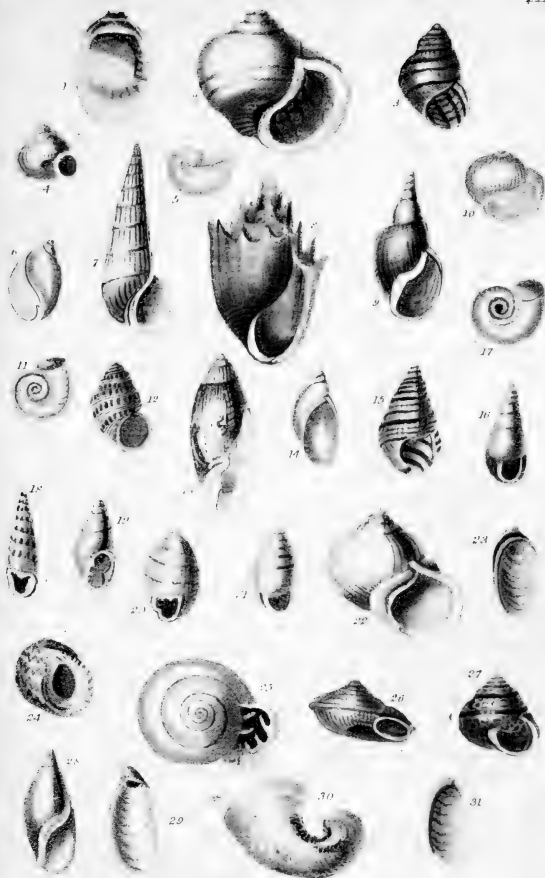
1 General Comus. 2 Bloody Oliva. 3 Cinnamon Ancillaria. 4 Arrow shaped Terebellion.
 5 Egg shaped Ovula. 6 Bluish Marginella. 7 Bat Voluta. 8 Measly Cypraea. 9 Pontifical
 Mitra. 10 Merchant Columbella. 11 Cylindric Volvaria. 12 Filleted Terebra. 13 Cingalese
 Eburna. 14 Waved Buccinum. 15 Partridge Dolium. 16 Roscate Harpa. 17 Peruvian Con-
 cholepus. 18 Banded Monoceros. 19 Persian Purpura. 20 Rugged Ricinula. 21 Patch
 ed Cassis. 22 Tyrranean Cassidaria. 23 Diana's Ear Strombus. 24 Knotty Pterocera.
 25 Pelicans Foot Rostellaria. 26 Variegated Triton. 27 Spiral Murex.





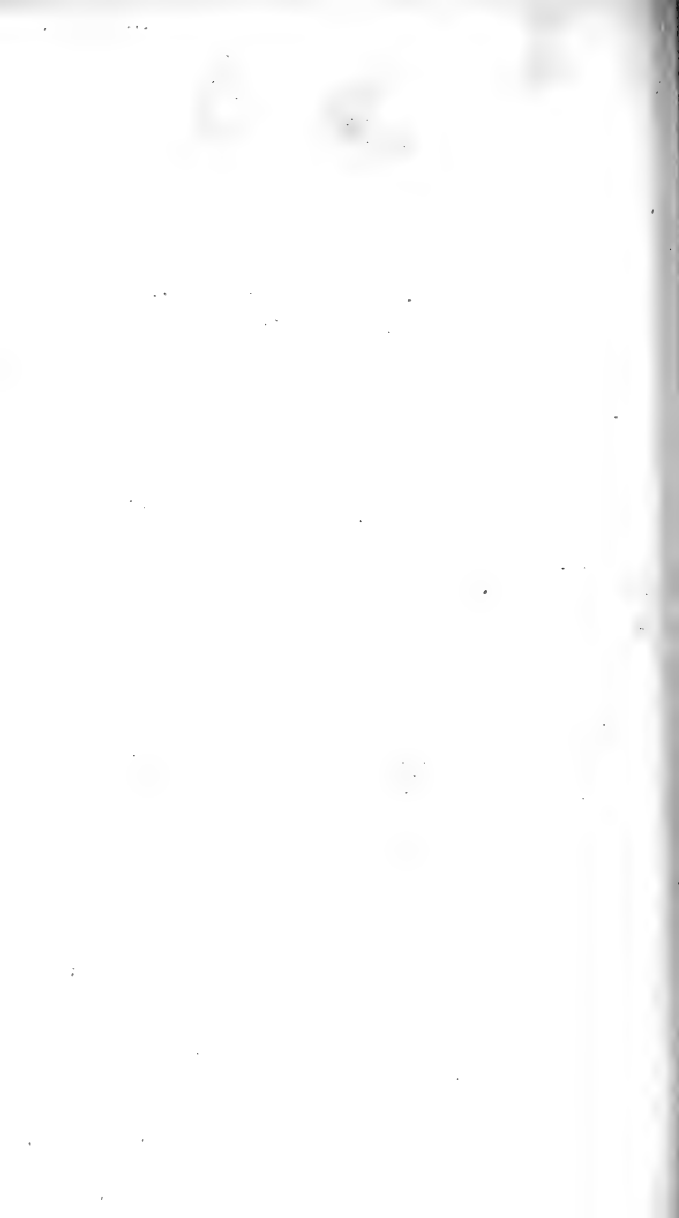
1 Prickly *Rumella*. 2 Nodulous *Struthiolaria*. 3 Fig *Pirula*. 4 Reticulated *Cancellaria*.
 5 Horny *Fusus*. 6 Quadrangular *Fasciolaria*. 7 Javanese *Pleurotoma*. 8 Pear *Turbinella*.
 9 Semi Granulated *Orthis*. 10 Thick lipped *Melodonta*. 11 Augur *Turritella*. 12 Glib
 ish *Phasiumella*. 13 Monstrous *Verita*. 14 Fresh water *Veritina*. 15 *Cavrina Natica*.
 16 Flowered *Planaxis*. 17 Bristly *Turbo*. 18 Knulred *Rotello*. 19 Common *Ianthena*.
 20 Pracious *Scalaria*. 21 Magician *Trachus*. 22 Fringed *Delyhimula*. 23 Perspective *Sol*
arium. 24 Worm like *Vermetus*. 25 Concave *Sigoratus*. 26 Wimple *Pyramidella*. 27 Ban
 dled *Tomatella*. 28 Assuine *Uliotis*. 29 Tunoured *Stomatella*. 30 Imbricated *Stomatella*.

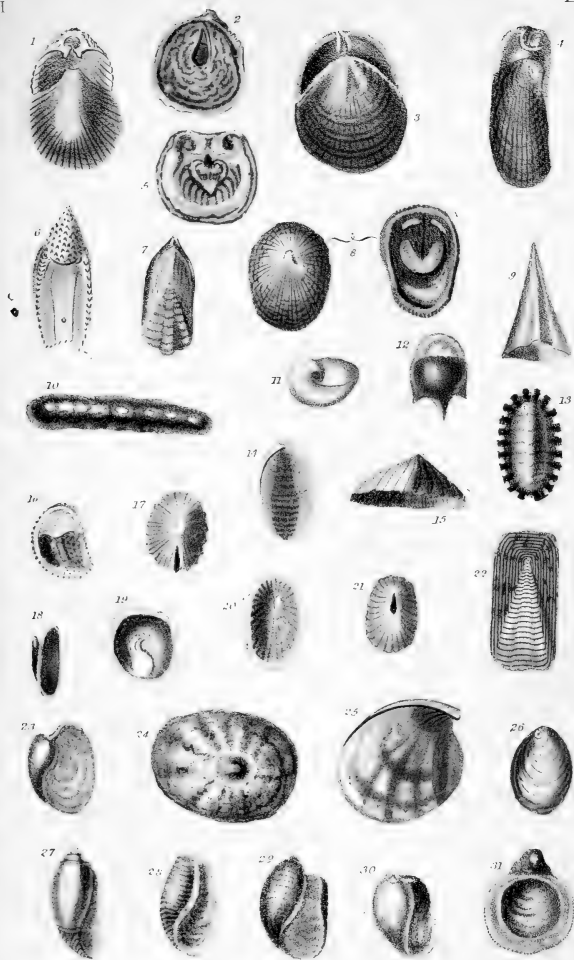




R. No. II

1 Oval Navicella. 2 Curiana Ampullaria. 3 Tricardium Papyrina. 4 Pond Valvata.
 5 Peltoid Vitrina. 6 Fountain Physa. 7 Dark Pirena. 8 Crowned Melania. 9 Pond
 Lymnaea. 10 Ditch Lutea. 11 Keeled Planorbis. 12 Elegant Cyclostoma. 13 Judas
 Auricula. 14 Oblong Succinea. 15 Virginian Lachryna. 16 Mountain Bulimus. 17 White
 Planaria. 18 Pimpled Clausilia. 19 Least Corythium. 20 Dwarf Vertigo. 21 Moss Pupa.
 22 Greater Helicina. 23 Naticus. 24 Shaped Testacella. 25 Shore Neritoides. 26 Globular
 Anastoma. 27 Stone Caracolla. 28 Grove Helix. 29 Polished Melanopsis. 30 Red Lymnaea.
 31 Rumphius Dolabella. 32 Cup Shaped Parmacella.



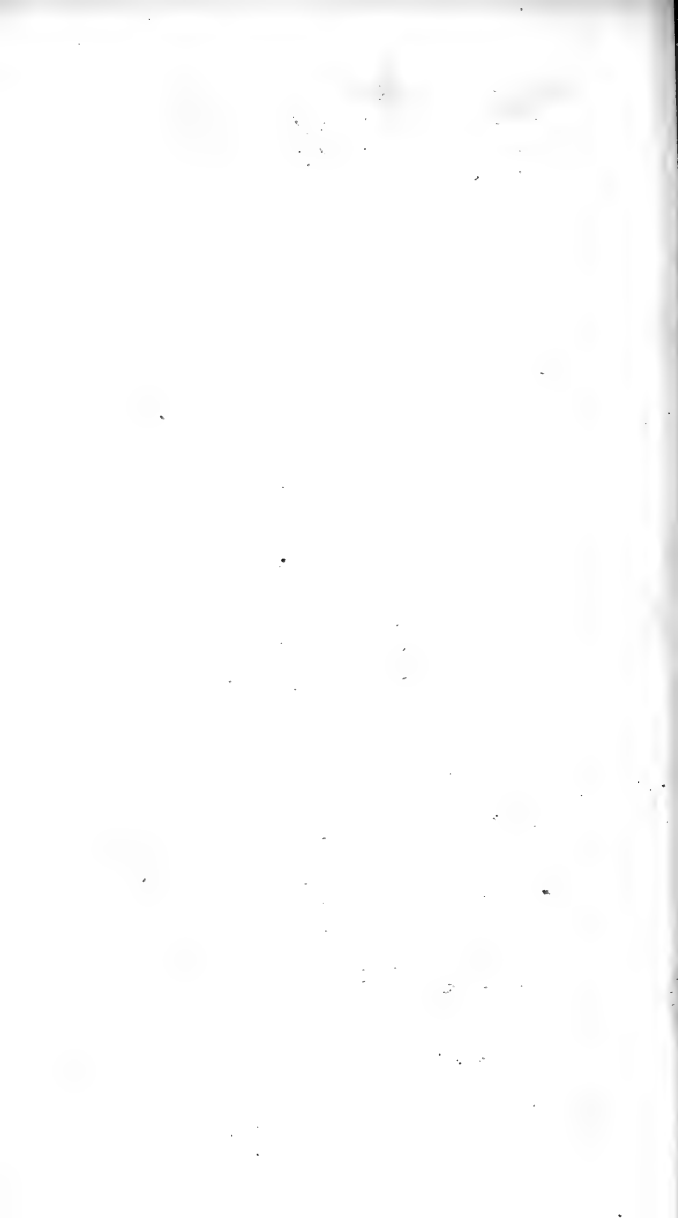


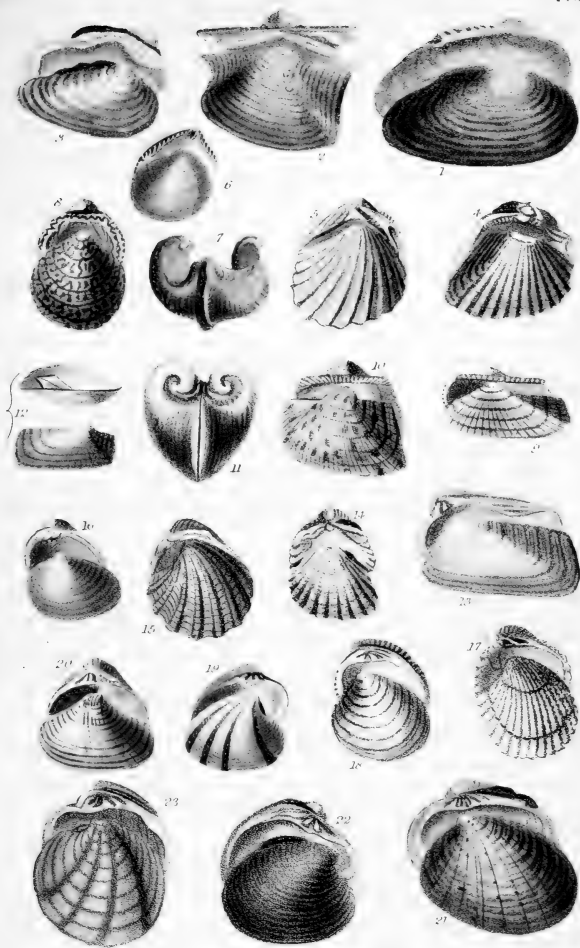
1 Skull *Terobrathula*. 2 Waved *Anomia*. 3 *Placenta Placuna*. 4 Latchet *Valsella*.
 5 Masked *Gonia*. 6 *Perans Gymbula*. 7 Duck *Lingula*. 8 Oyster like *Discina*. 9 Py-
 ramidal *Cleodora*. 10 Shitied *Chitonellus*. 11 Helix like *Lymakina*. 12 Three toothed
Hyalcea. 13 Enastulated *Cliton*. 14 Plumed *Plenrobranchus*. 15 Common *Bitella*.
 16 Prickly *Grepidula*. 17 Shit *Emarginala*. 18 Oblong *Ancyhus*. 19 Chinese *Calyptara*.
 20 Greek *Fissurella*. 21 Baged *Siphio*. 22 Australian *Parmophorus*. 23 Open *Bullaea*.
 24 Indian *Umbella*. 25 Richated *Lapygia*. 26 Feather like *Lanallaria*. 27 *Retusa Plicata*.
 28 Wood like *Bulla*. 29 Flexible *Aperi*. 30 White *Diaphana*. 31 Hungarian *Pleopsis*.



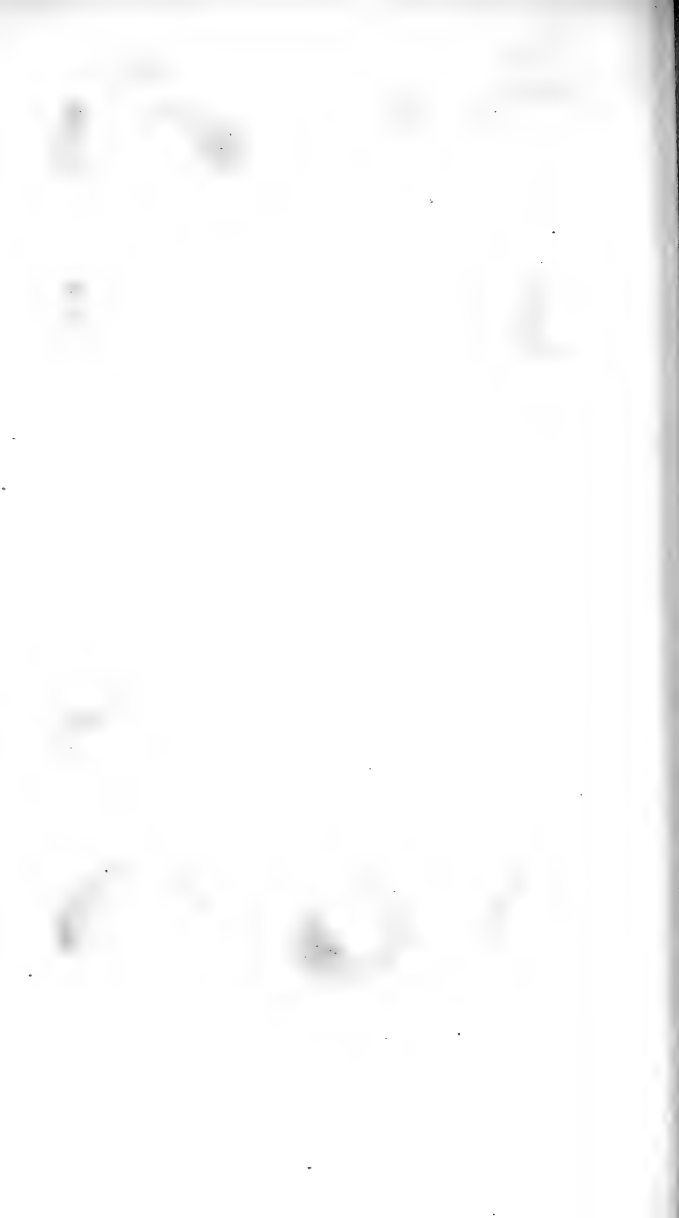


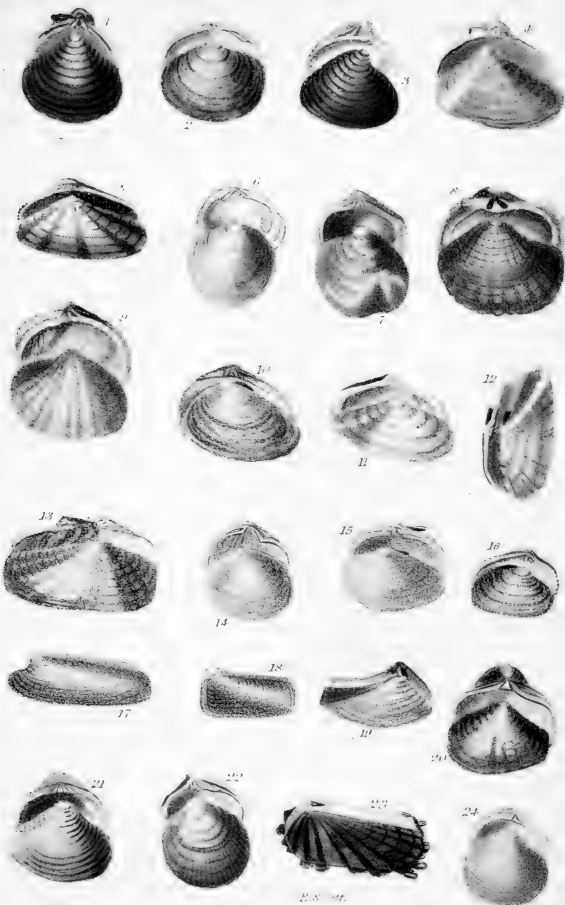
1 Angulated Gryphæa 2 Long Spined Spondylus 3 Edible Ostrea 4 Branched Plicatula 5 Speckled Pecten 6 Thorny Plagiostoma 7 Glassy Lima 8 Turton's Galeomma 9 Spondylus Shaped Pedian 10 Pearl Bearing Meleagrina 11 English Aricula 12 White Malleus 13 Saddle Perna 14 Muscle Shaped Crenatula 15 Huge Pinna 16 Edible Mytilus 17 Discordant Modiola 18 Spotted Hippopus 19 Oval Etheria 20 Lazarus Chama 21 Giant Tridacna 22 Nile Iridina 23 Oblique Pseudodon.





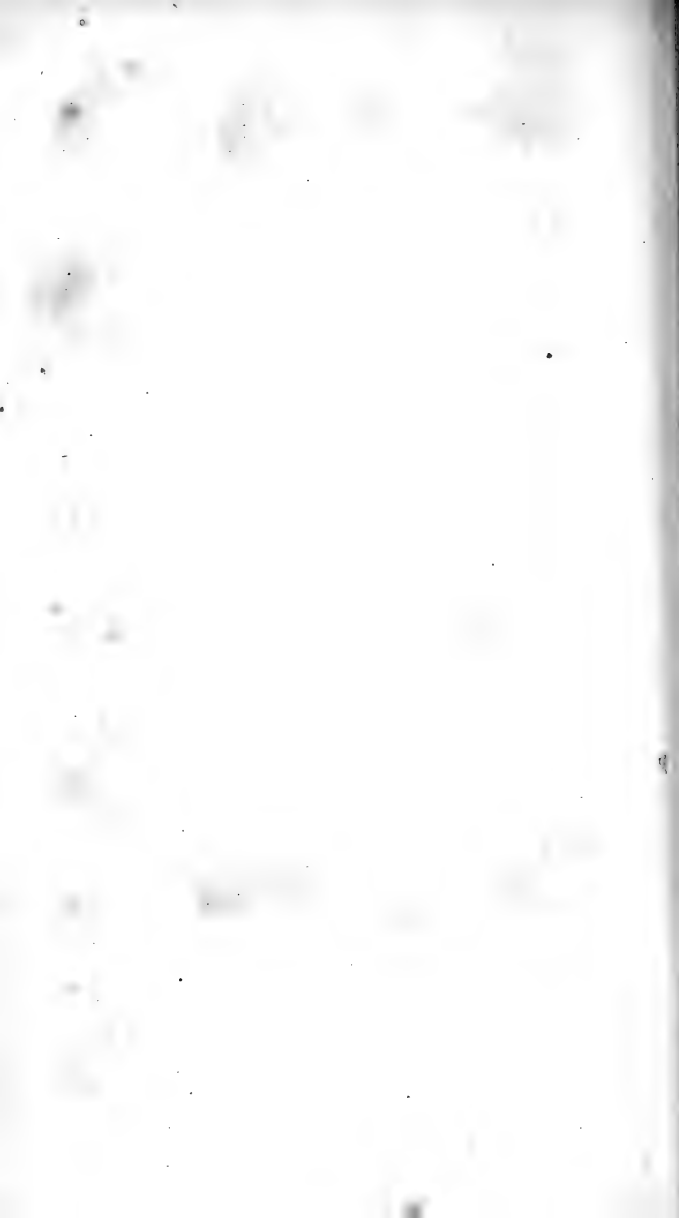
1 Swan *Anadonta*. 2 Little Bird *Hyria*. 3 Painters *Unio*. 4 Ambiguous *Castalia*.
 5 Toothed *Triponia*. 6 Pearley *Nucula*. 7 Ram horned *Diceras*. 8 Delicious *Pec-*
hunculus. 9 Noahs *Arca*. 10 Eared *Cucullæa*. 11 Heart *Isocardia*. 12 Striated
Myatella. 13 Guinea *Cypricardia*. 14 Edible *Cardium*. 15 Furrowed *Cardita*
 16 Red *Lascia*. 17 Inbricated *Venericardia*. 18 Monticassina. *Venus*? 19 Hen *Drtygia*.
 20 Keys *Galathea*. 21 Chione *Cytherea*. 22 Islandic *Cyprina*. 23 Orbicular *Exoteta*.

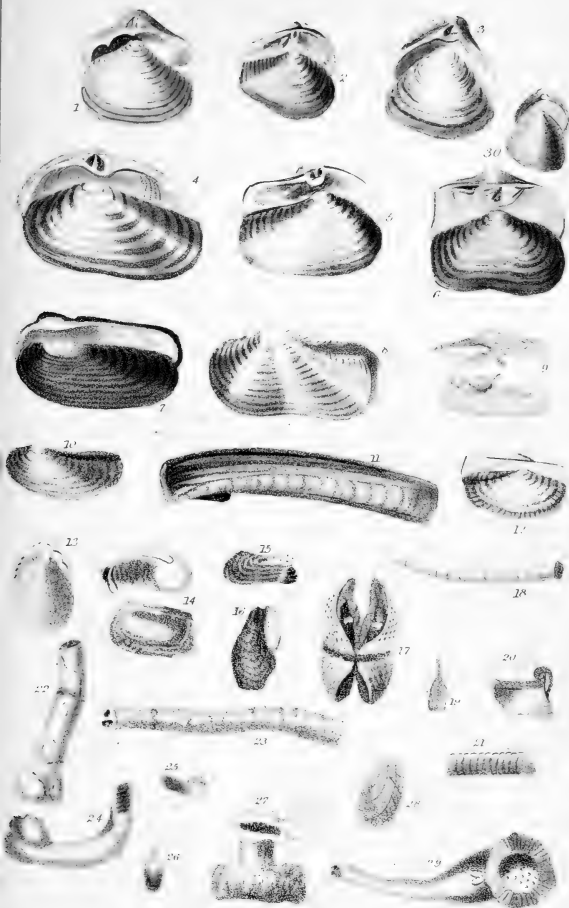




P. N. 47.

- 1 River *Cyrena*. 2 Horney *Cyclas*. 3 Scottish *Crassina*. 4 Polished *Capsa*.
 5 Truncated *Donax*. 6 Rounded *Mysia*. 7 Waved *Lucina*. 8 Fringed
Corbis. 9 Thick *Arxopagia*. 10 Roseate *Tellinides*. 11 Depressed *Tellina*.
 12 Variegated *Psammidotæa*. 13 Faroe *Psammobia*. 14 Thin *Tellinys*.
 15 Roseate *Sanguinolaria*. 16 Perforating *Venerupis*. 17 Pholas Shaped
Petricola. 18 Abbreviated *Saxicava*. 19 Beaked *Pandora*. 20 Kernel *Corbula*.
 21 Striated *Erycina*. 22 Transverse *Ungulina*. 23 Mediterranean *Solinys*.
 24 Reticulated *Amphidesma*.





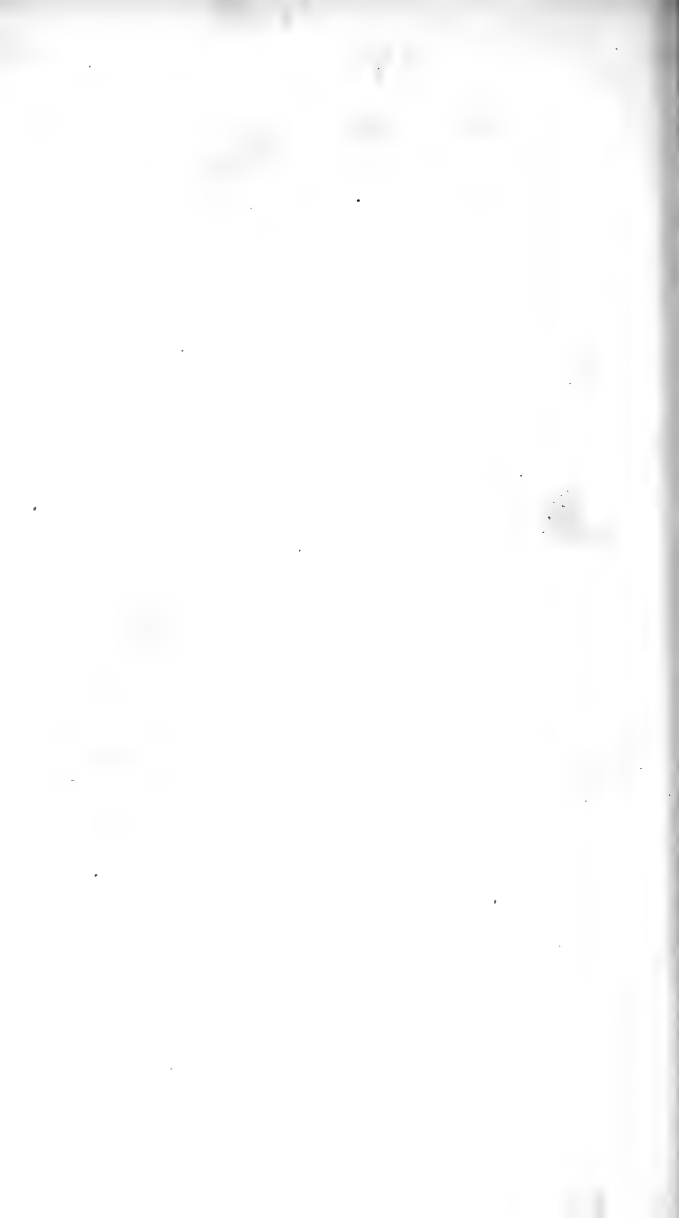
Kings Island Crassatella. 2 Very thin Ligula 3 Truncated Mactra 4 Oval Lutraria Sloping Anatina. 6 Truncated Mya. 7 Pod Glycimeris. 8 Aldrovandus's Panop. 9 Hinge of D^o 10 Solen shaped Trutina. 11 Sabre Solen. 12 Striated Magdala. 13 Oval Grenella Bingham's Spenia. 15 Wrinkled Pholeobia. 16 Modioliform Gastrochoena. 17 Curled Pholis. 18 Slip Terebra. 19 A terminating side valve of D^o 20 A bivalve of D^o 21 Section of anterior part of tube of D^o 22 Masked Terebrina. 23 Sand Seplaria. 24 Gregarious Fistularia. 25 A bivalve of D^o 26 A side valve of D^o 27 Open Clavagella. 28 Face valve of D^o 29 Java Aspergillum. 30 Triangular Mactrina.

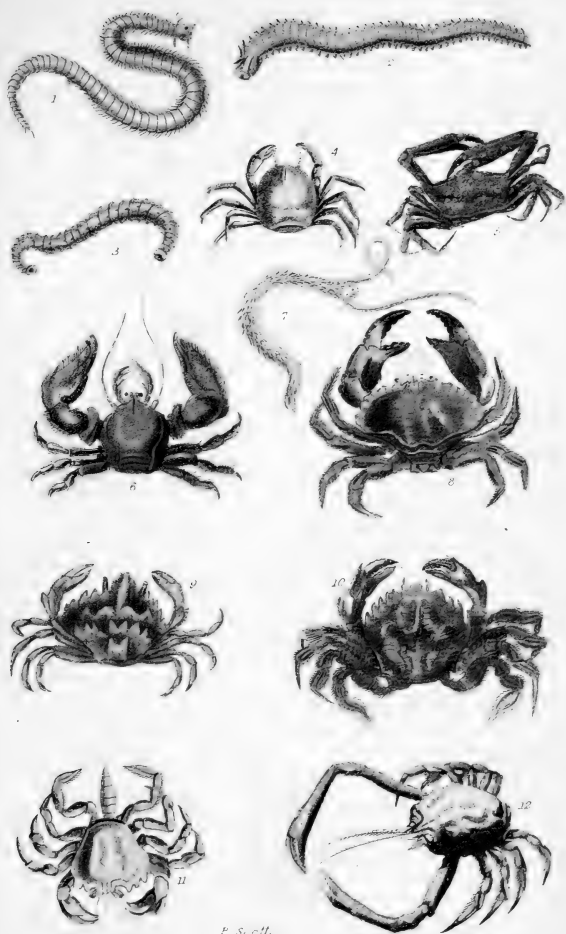




R. Scott.

1 Blainvillia Otion. 2 Eared Anas. 3 Cornucopia Pollicipes. 4 Common Scalpellum
 5 Smooth Anatifa. 6 Grenated Pyrgoma. 7 Warty Creusia. 8 Montagu's Acasta. 9 Oper-
 culum of D. 10 White Balanus. 11 Operculum of D. 12 Crown Coronula. 13 Whale Tubi-
 cineella. 14 Vermicular Serpula. 15 Naticulus shaped Spirorbis. 16 Recumbent Galeolaria
 17 Antiquated Magilus. 18 Triangular Vermilia. 19 Fan Amphitrite. 20 Belgic Pectin-
 aria. 21 Shelly Terebella. 22 Thickest Sabellaria. 23 Large Cornuoides. 24 Snake-like
 Siliquaria. 25 Trochi formed Brochus. 26 Tooth Dentalium. 27 Elephantine. 28 English Achna





P. S. coll.

1. Bloody Leodice. 2. Spined Halithea. 3. D^r Pontobdella. 4. Fishing Pinnotheres. 5. Double Spined Gonoplax. 6. Hairy Pilumnus. 7. Four horned Spio. 8. Pagurus Crab. 9. Toothed Brinella. 10. Wrinkled Portunus. 11. Variegated Portunus. 12. Toothed Corystes.





1 Rough Eurynome. 2 Sand Hyas. 3 Norwegian Nephrops. 4 Bernhardtine Popurus.
 5 Tortoise Requin. 6 Common Annadello. 7 Bordered Ega. 8 River Astacus.
 9 Slender Anthura. 10 Common Crangon.



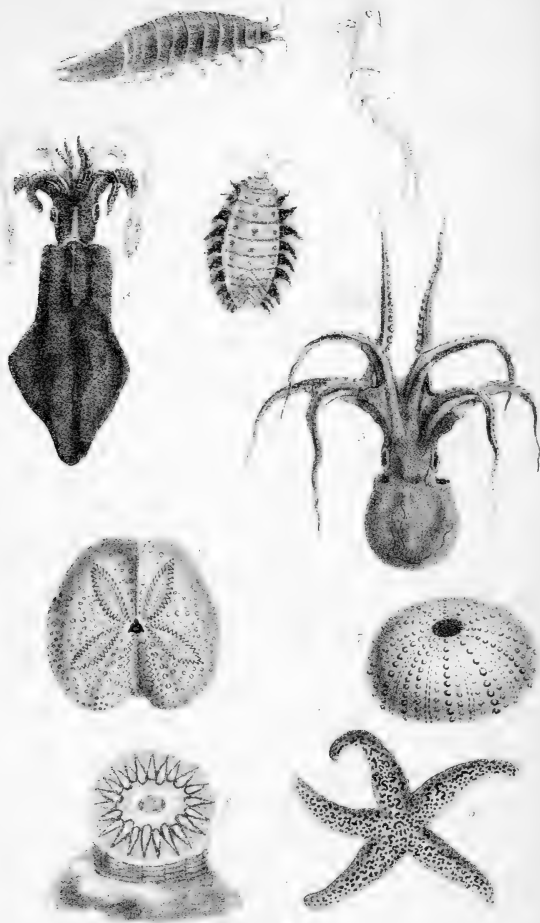
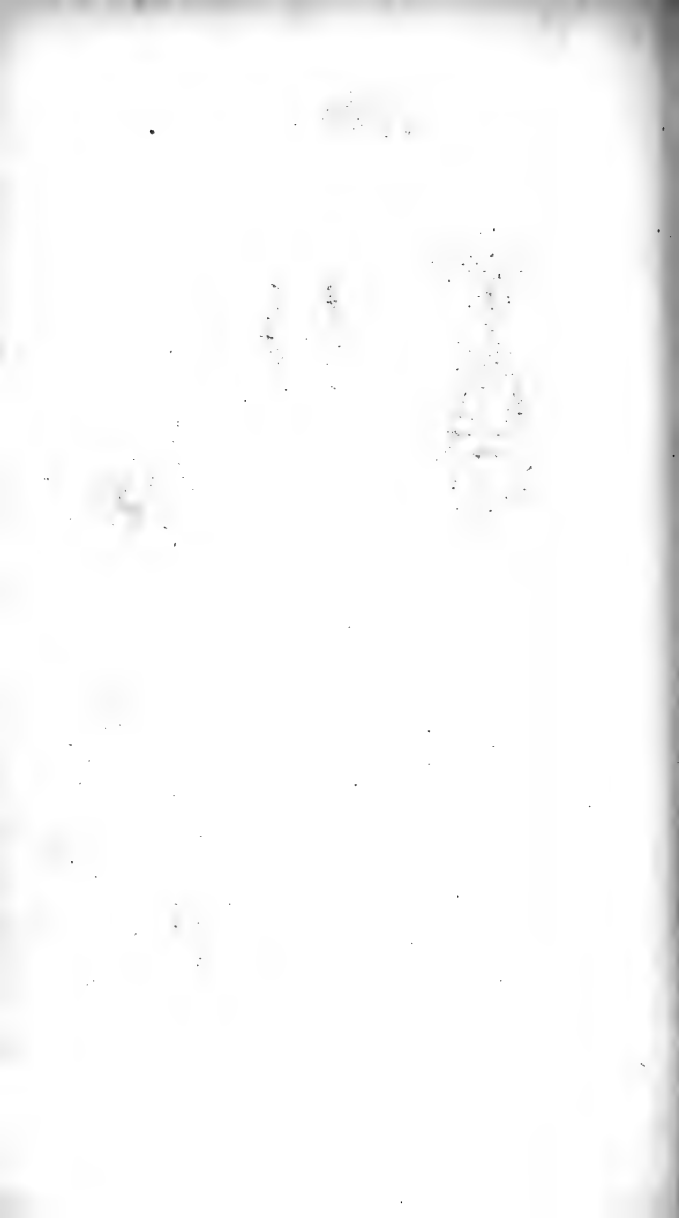
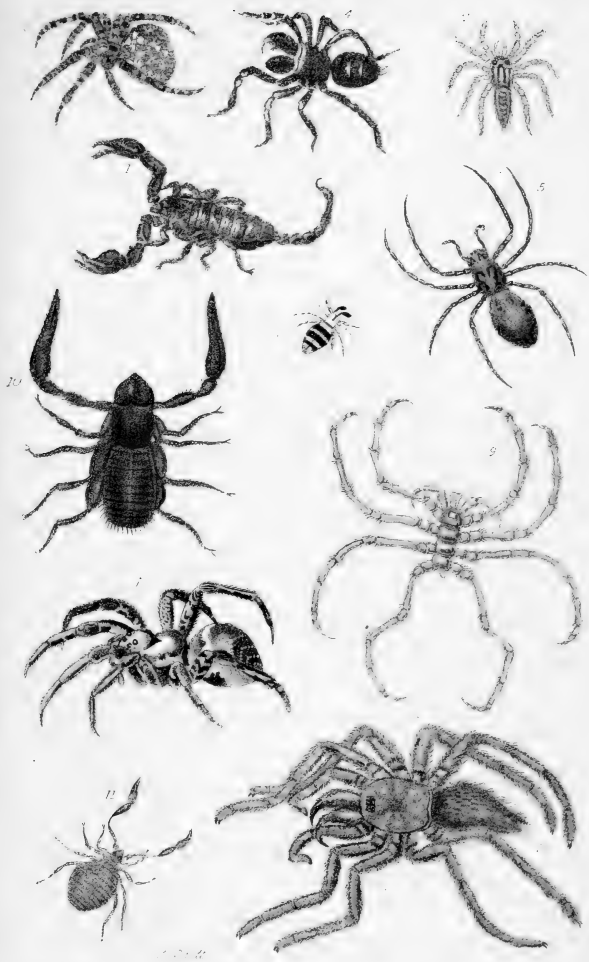


PLATE XXXIV.

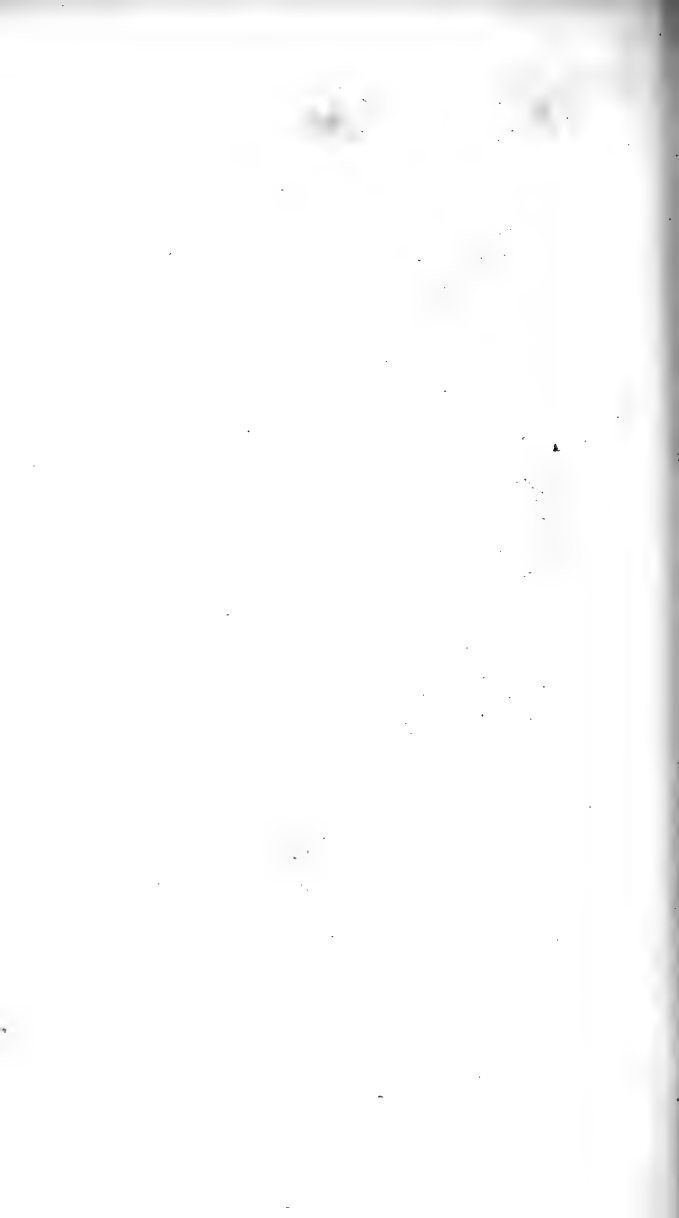
Polysiphonia (L.) Setchellii (Setchell & Gardner) Setchell & Gardner. — Polysiphonia (L.) Setchellii (Setchell & Gardner) Setchell & Gardner. — Polysiphonia (L.) Setchellii (Setchell & Gardner) Setchell & Gardner.

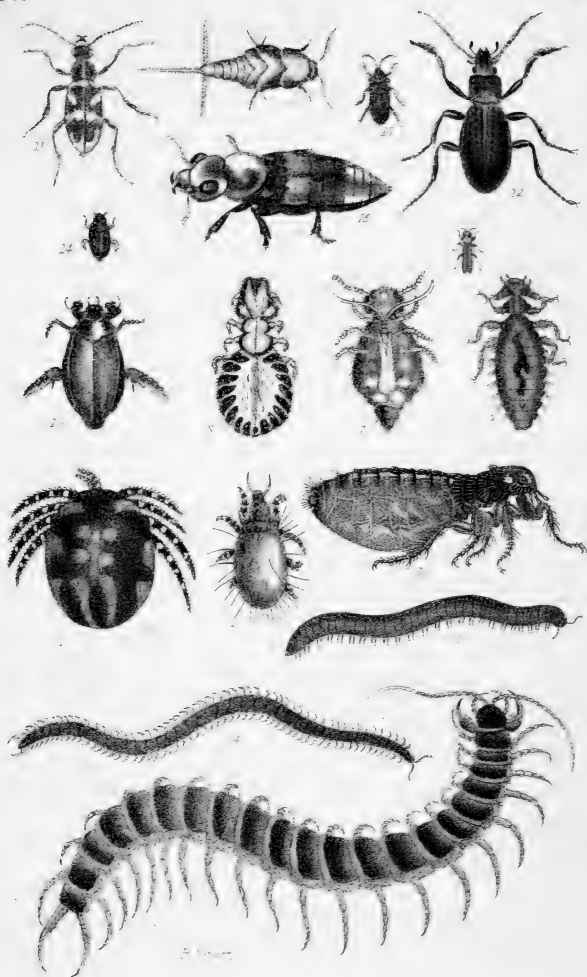
Published by the Author, 1881.



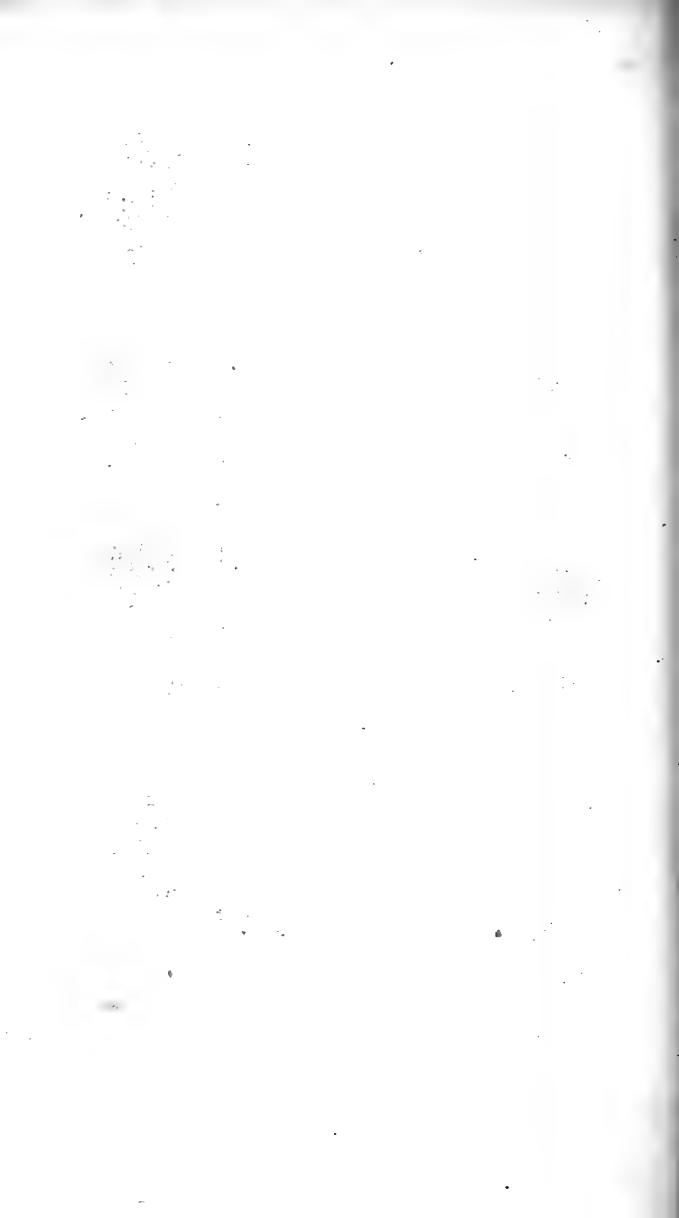


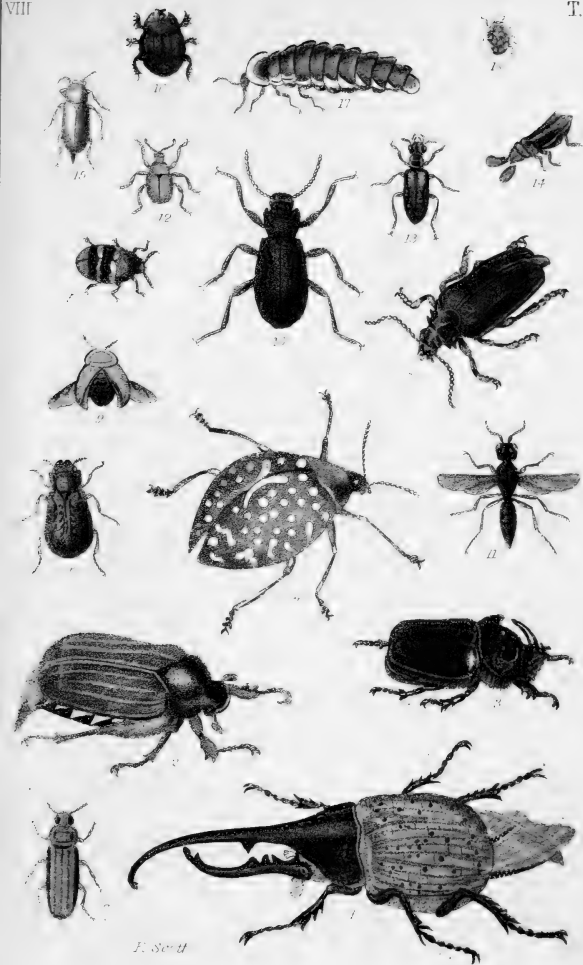
1 Scorpion. 2 Transtulae Thelyphonus. 3 Bird Catcher. 4 Aquatic Aranea. 5 Scylider Thoracica. 6 Diadema. 7 Tarantula. 8 Seneca. 9 Phaxichilus Persatus. 10 Obisicium Trombidiodes. 11 Cancroides.





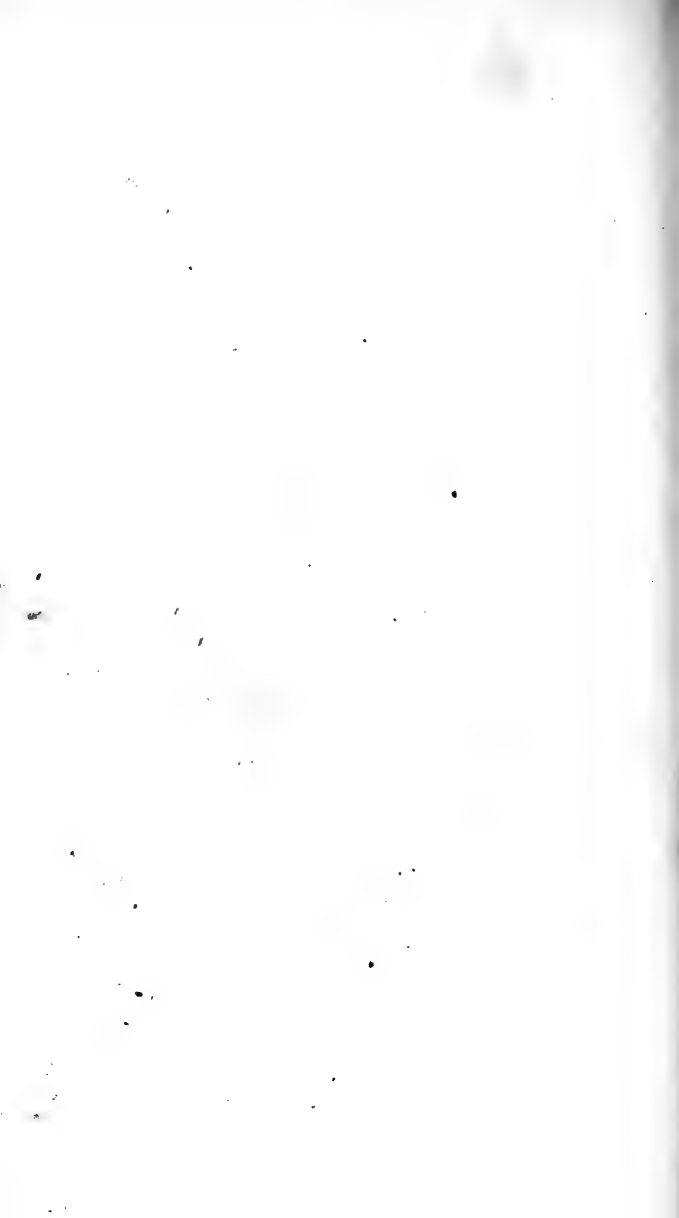
1 Cheese Mite. 2 Geographic Hydrachna. 3 Julus Sabulosus. 4 Electric. 5 Scolopendra
 Moresiana. 6 Wood Fish. 7 Menthorus. 8 Ara. 9 Louse. 10 Pediculus. 11 Flea. 12
 dala Hybrid. 13 Carabus Morbiliosus. 14 Marginalis. 15 Gyrimus Patator. 16 Staph-
 ylinus. 17 Scolopendra. 18 Scolopendra. 19 Scolopendra. 20 Scolopendra. 21 Scolopendra.

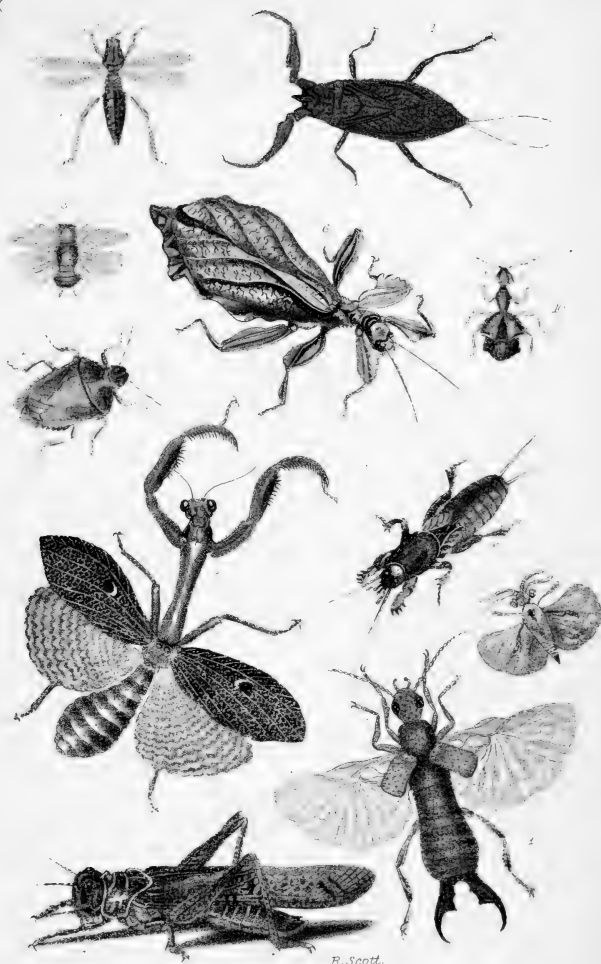




F. Scott

1. Hercules Beetle. 2. Cockchafer D^r. 3. Nasicornis D^r. 4. Gigantic Chrysochela.
 5. ... 6. Sphenochorus. 7. Euclyptus. 8. Coriarius Prionus. 9. Green Cassida.
 10. ... 11. Lagynaria bicolor. 12. Attelabus Coryli. 13. Megadopus. 14. Paisus Mic.
 15. ... 16. Nordella. 17. Histor unicolor. 18. Coccinella.

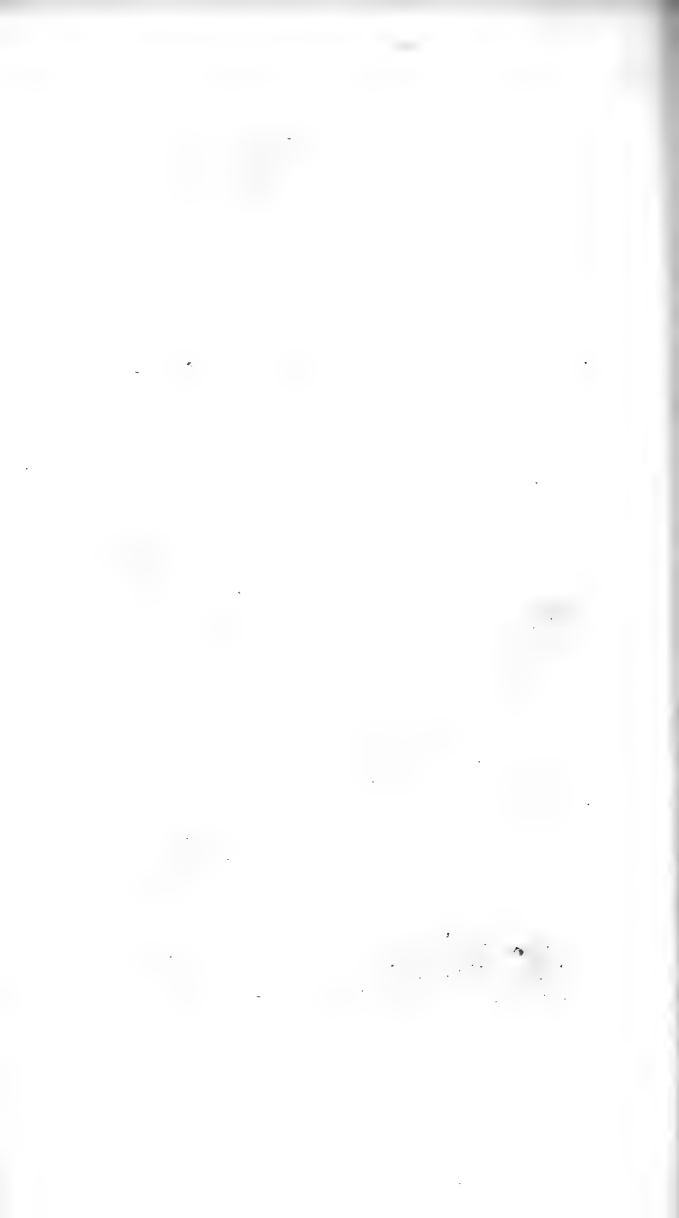


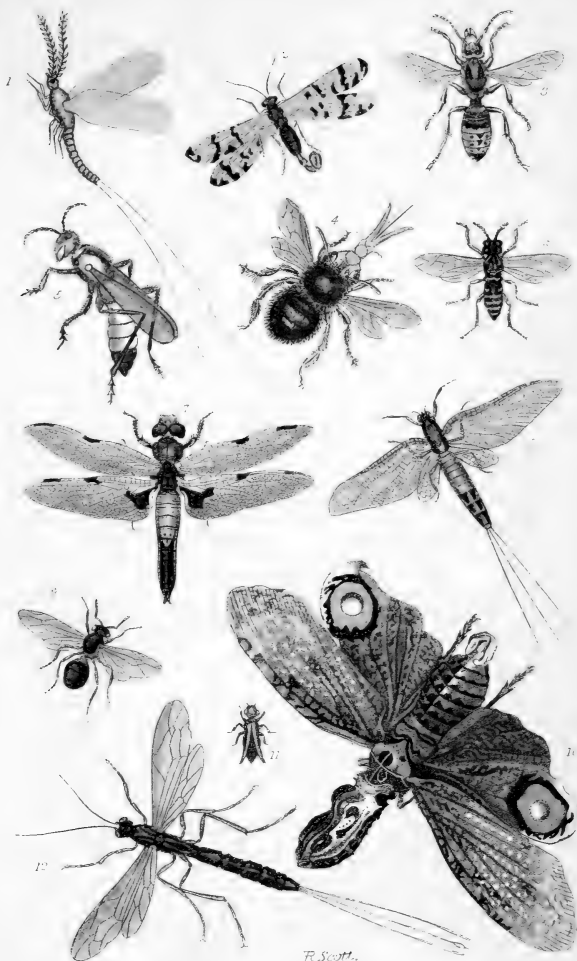


R. Scott.

1. *Nepa cinerea* 2. *Prasinius bug* 3. *Blatta* 4. *Earwig* 5. *Concl. Cricket*.
 6. *Phasma* 7. *Locust* 8. *Gryllotalpa D.* 9. *Fluvipes D.* 10. *Pselaphus Herbstii*.
 11. *Peck's Xenos*.

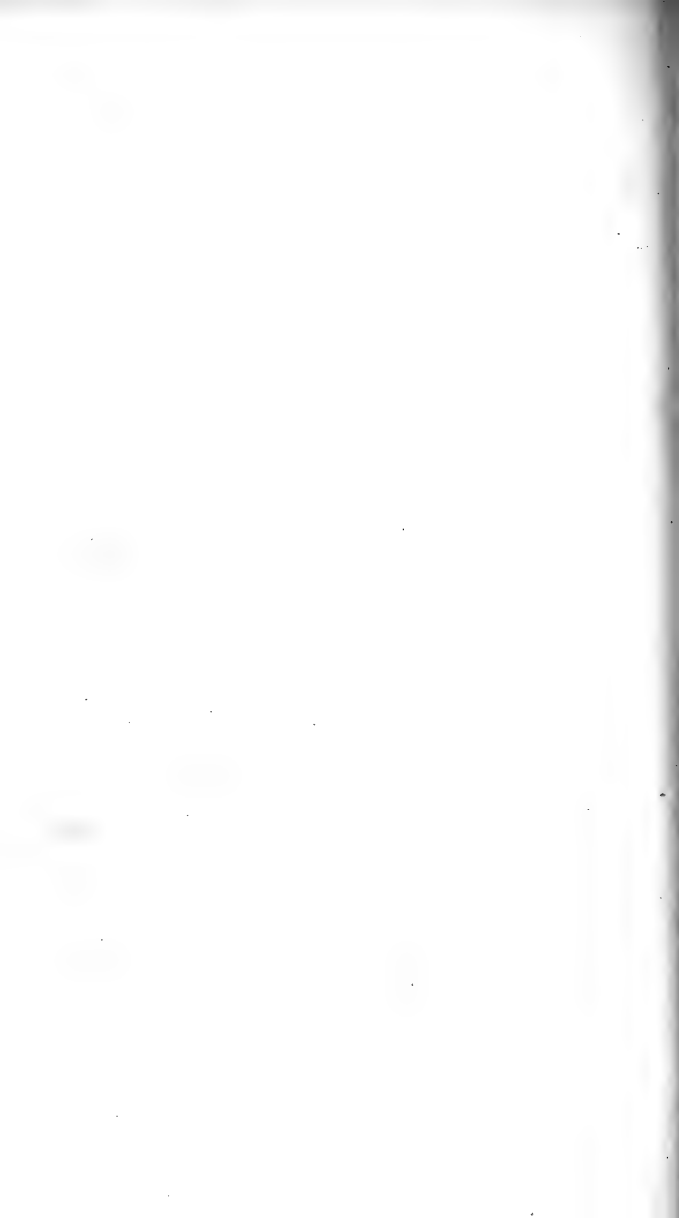
Published by Arch^d Fullarton & Co Glasgow.





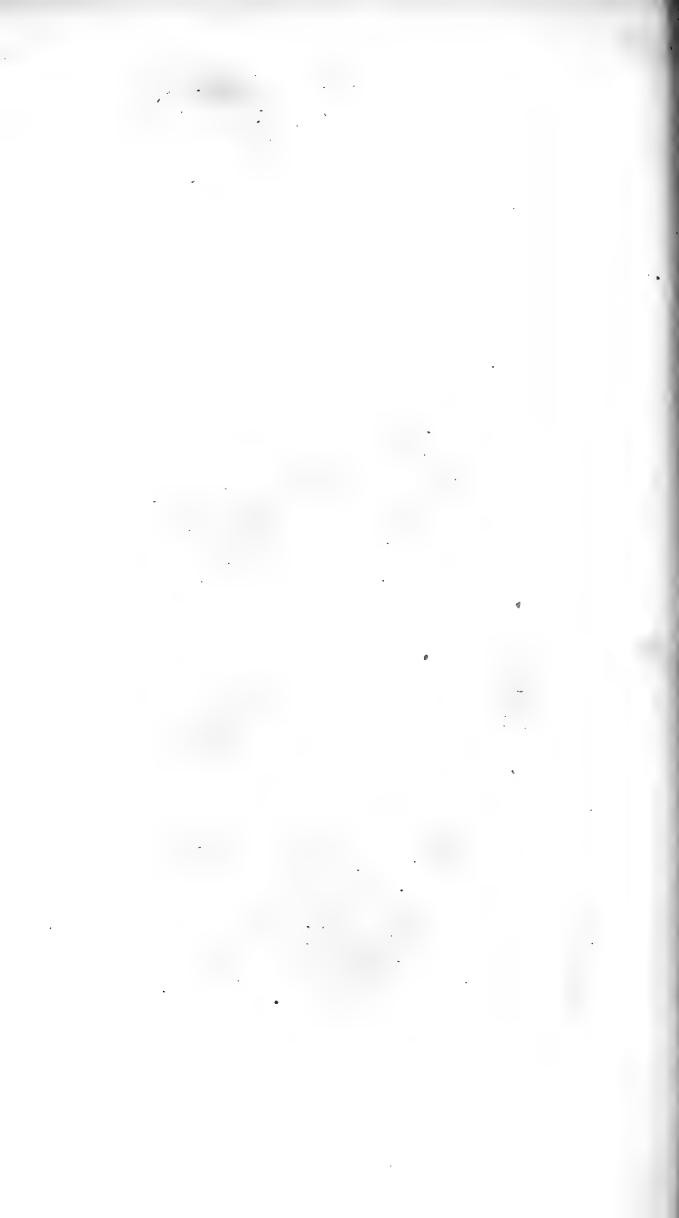
R. Scott.

1. Coccus. 2. Panorpa communis. 3. Vespa Crabro Hornet Wasp. 4. Apis retusa. 5. Spheg viatica. 6. Tenthredo Scrophulariae. 7. Dragon Fly. 8. Ephemera Vulgata. 9. Herodania Ant. 10. Lantern Fly. 11. Styrps Physapus. 12. Ichneumon Manifestator





1 Herb Tipula. 2 Apollo Butterfly. 3 Horse Hippoboscæ. 4 Pipis culex. 5 Death-head Sphinx. 6 Ox Cesthus. 7 Tropical Sabanus. 8 Chameleon Fly. 9 Juno Moth. 10 Lean-headed Conops. 11 Dejania Cucugus.

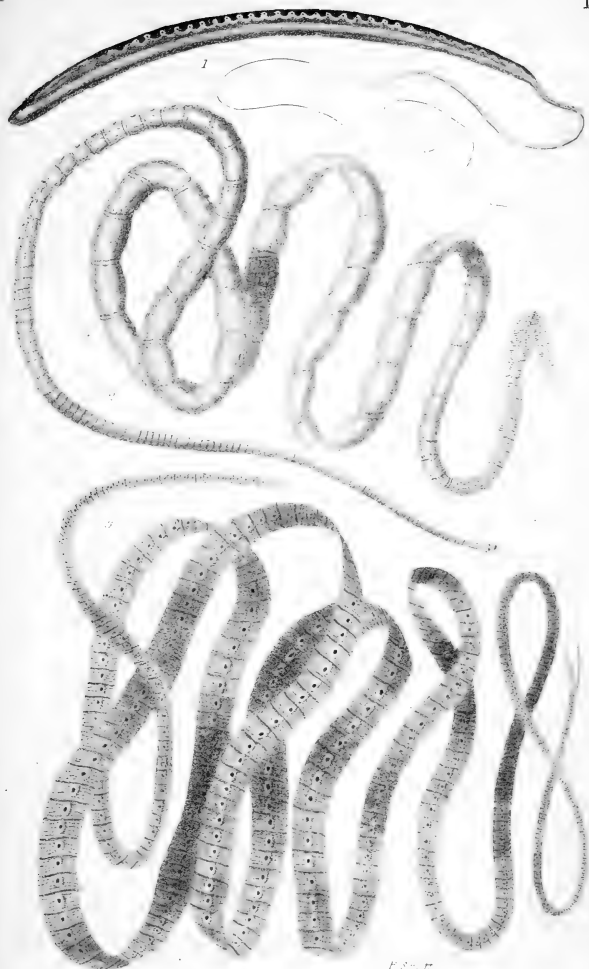




R. Scott.

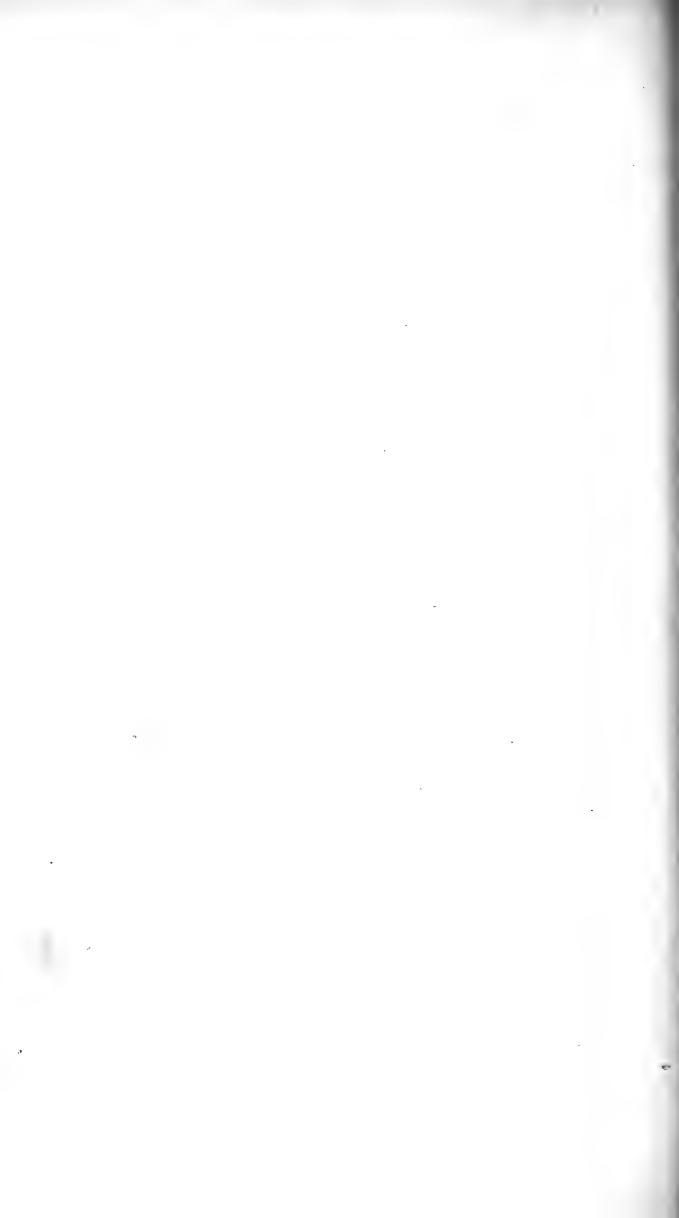
1 Maw Worm female. 2 Natural size of D^c 3 Maw Worm male. 4 Natural size of D^c
 5 Angulated Maw Worm female 6 D^c male 7 Round Worm. 8 Guinea Worm. 9 Sub
 compressed Hymenaria 10 Head of D^c magnified 11 Great Strongylus 12 Natural
 size of D^c 13 Long Thread Worm male 14 Urine Worm 15 Natural size of D^c 16 The
 Human Echinococcus.

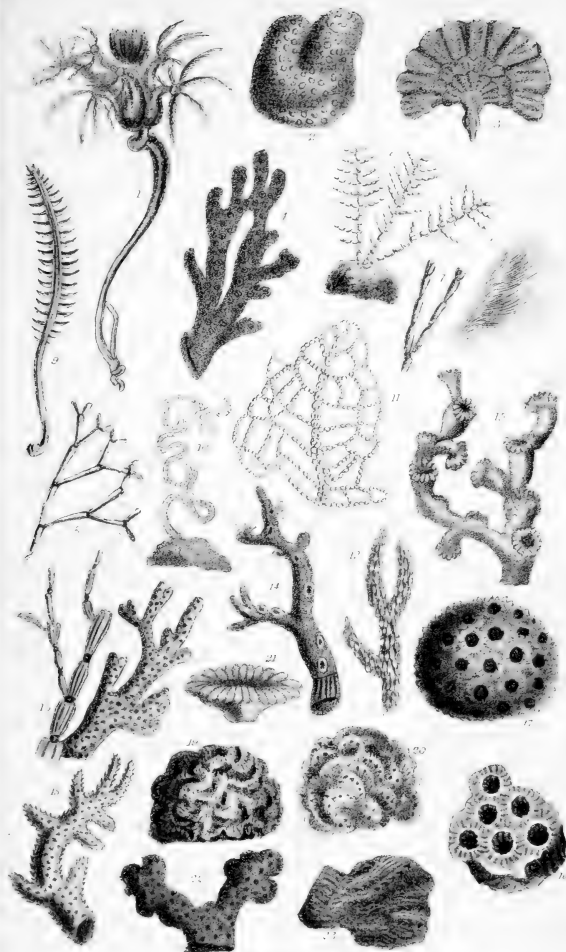




P.L. II

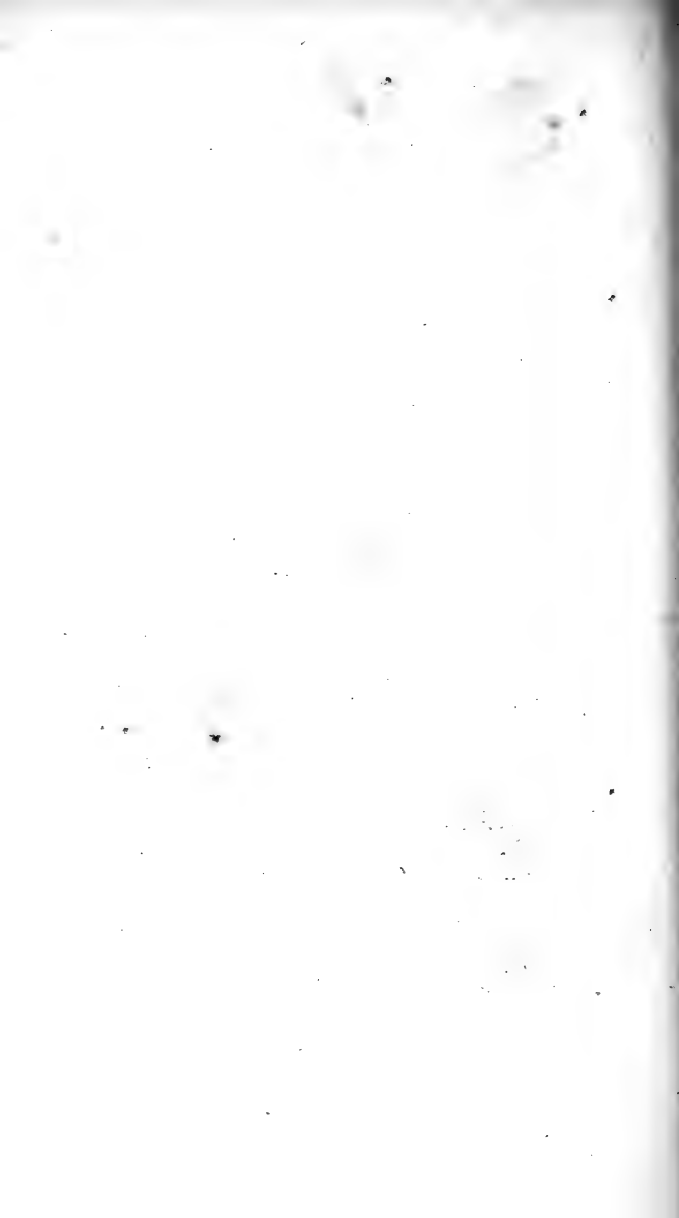
1 Long Thread Worm female. 2 Common Tape Worm. 3 Broad Tape D.





R. S. 1871

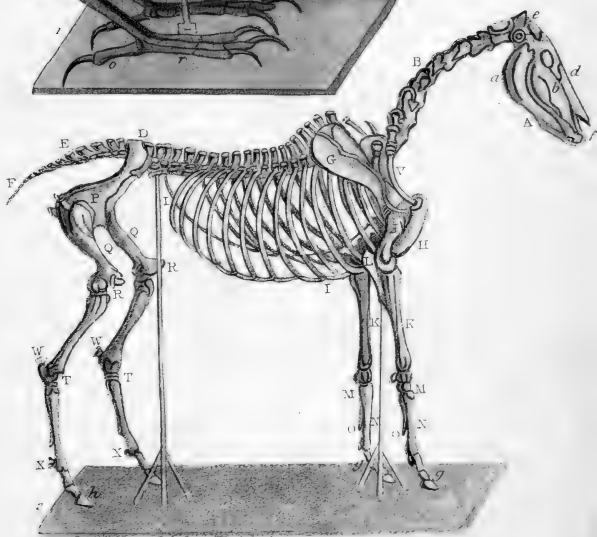
1 *Greenland Umbellaria*, 2 *Finered Lobularia*, 3 *Peacock Flatellaria*, 4 *Palmated Spongia*,
 5 *Slip Carallina*, 6 *Scaly P.*, 7 *Scaly D. magnified*, 8 *Cylindric P.*, 9 *Phosphoric Fanna-
 tula*, 10 *Spiral Antipathes*, 11 *Warty Cerynia*, 12 *Stony D.*, 13 *Hershelletia*, 14 *Red Corall-
 alium*, 15 *From Cudina*, 16 *Enca Astrea*, 17 *Lowland P.*, 18 *Wid-shaped S. Seriatopora*,
 19 *Labyrinth Meandra*, 20 *Mushroom Pavonia*, 21 *Sunglo Madrepora*, 22 *Club shape L. Porites*,
 23 *Increasing Aquaria*





1 Cellular Retipora. 2 Mushroom-shaped Fungia. 3 Toothed Explanaria. 4 Foliated Echaria. 5 Measure Caryophyllia. 6 Gistated Plumularia. 7 D. Magnified. 8 Lendigera Serialaria. 9 D. Magnified. 10 Musc Tubipora. 11 Shapeless Millipora. 12 Branched Tubularia. 13 D. Magnified. 14 Cypress Serularia. 15 D. Magnified. 16 Dichotoma Campanularia. 17 D. Magnified. 18 Caribbean Liriozoa. 19 D. Magnified. 20 Solicorn Cellaria. 21 D. Magnified. 22 Coaly Flustra. 23 Spatula like Anquinaria. 24 Obtuse Dichotomaria. 25 Transverse Tubulifora.





R. Scott

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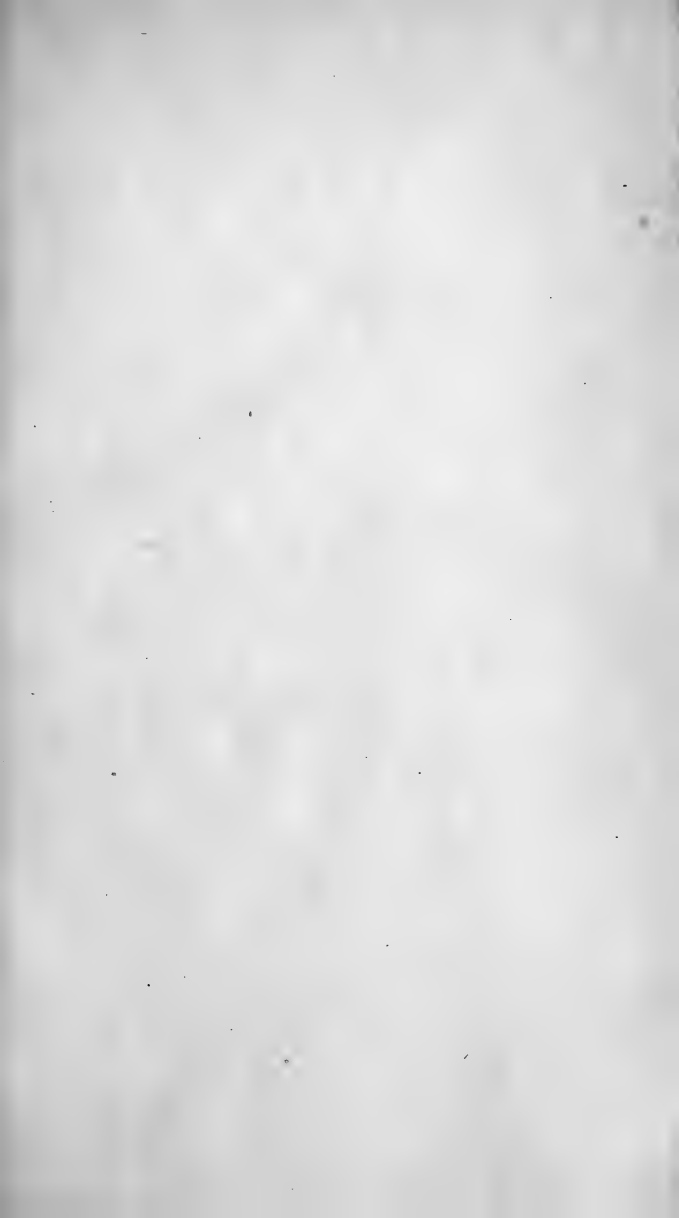
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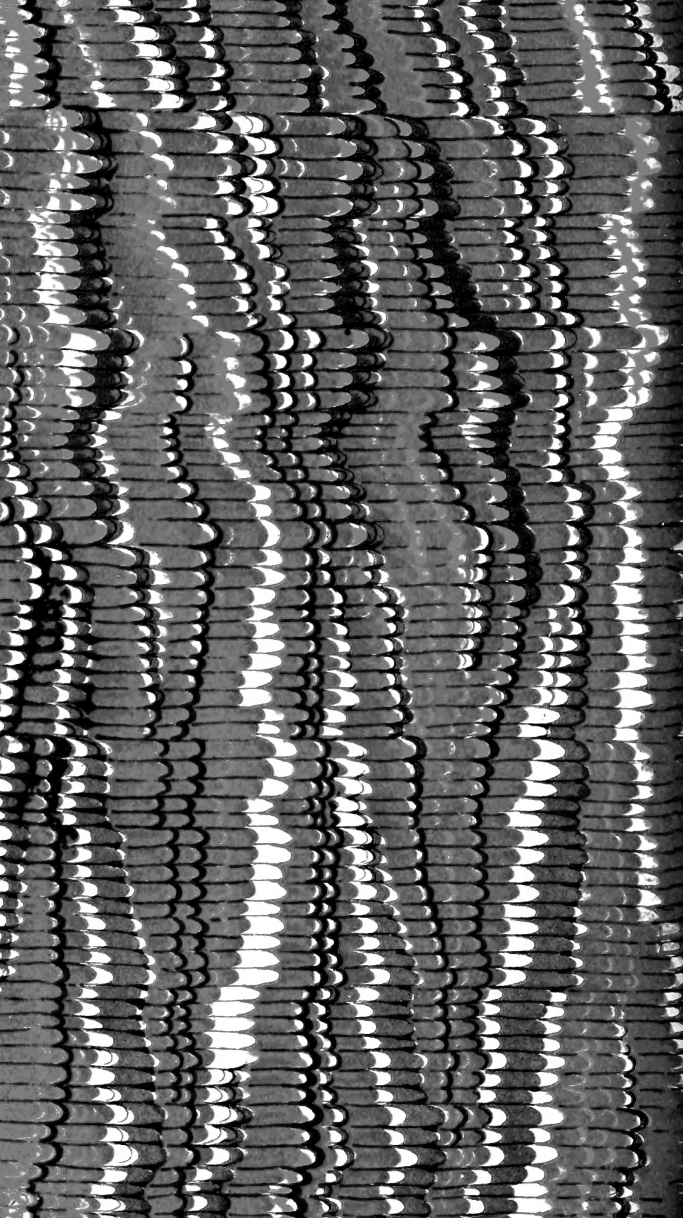
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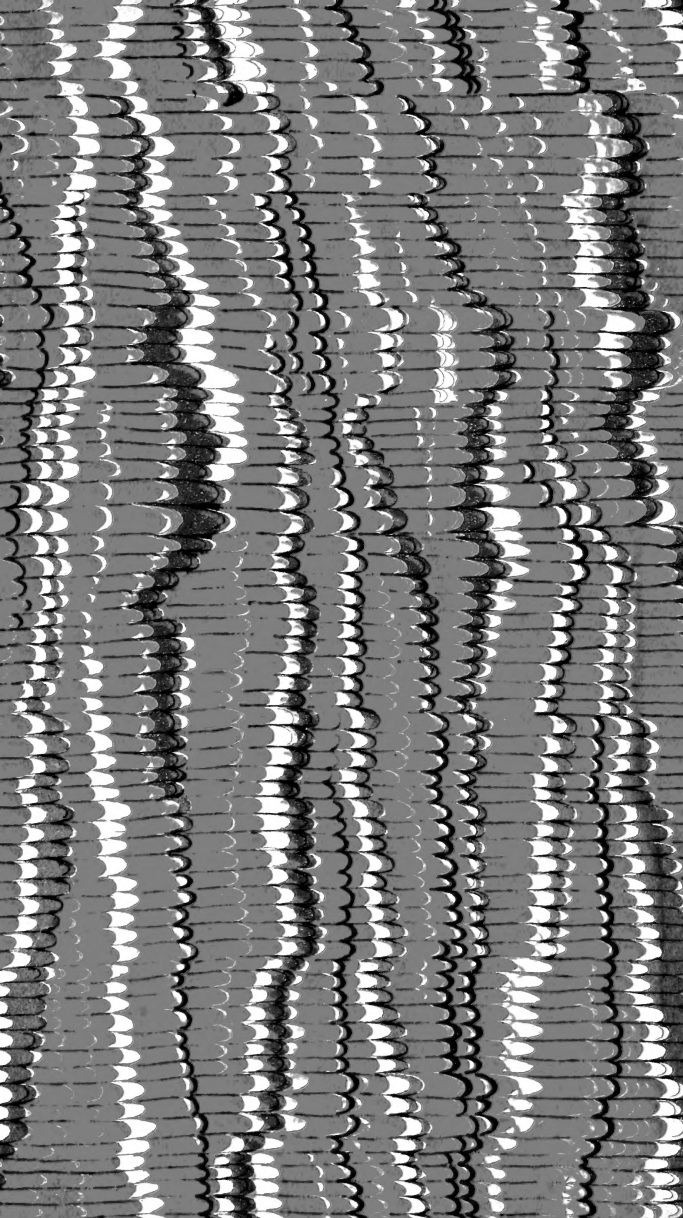
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